

Missouri Timber Industry— An Assessment of Timber Product Output and Use, 2006

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2008

Foreword

In this bulletin we discuss recent Missouri forest industry trends and report the results of a detailed study of the forest industry, industrial roundwood production, and associated primary mill wood and bark residue in Missouri in 2006. Such detailed information is necessary for intelligent planning and decision making in wood procurement, forest resources management, and forest industry development. Likewise, researchers need current forest industry and industrial roundwood information for planning projects.

Special thanks are given to the primary wood-using firms for supplying information for this study and to the Missouri Department of Conservation Foresters for canvassing the respondents. Their cooperation is greatly appreciated.

All board foot data in this report have been converted to International 1/4-inch scale by applying a multiplier of 1.08 to all roundwood volumes reported in Scribner Decimal C scale by sawmills and handle mills, a multiplier of 1.04 to all roundwood volumes reported in Scribner Decimal C scale by veneer and cooperage mills, a multiplier of 1.38 to all roundwood volume reported in Doyle scale by sawmills and handle mills, and a multiplier of 1.14 to all roundwood volume reported in Doyle scale by veneer and cooperage mills.

When new surveys are completed, errors and omissions from previous surveys are corrected. As a result of our ongoing efforts to improve the survey's efficiency and reliability, changes may have been made to the previous survey's data. All comparisons and analysis in this report are based on the reprocessed data from earlier surveys, which may not match earlier published data.

The last published report from a detailed study of all industrial roundwood output in Missouri was for 2003. Most comparisons in this report are with the 2003 study results. Rows and columns may not sum due to rounding, but data in each table cell are accurately displayed.

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HIGHLIGHTS

PRIMARY TIMBER INDUSTRY— INDUSTRIAL ROUNDWOOD

- In 2006, Missouri's primary wood-using industry was comprised of 357 sawmills, 8 cooperage mills, 8 post and pole mills, 4 charcoal plants, 4 handle mills, 1 insulation board (pulpwood) mill, and 7 mills producing other products (see table 1, fig. 1).
- The number of large and medium mills combined (mills with an annual lumber production of 1 million board feet or more) decreased by 14 mills from 2003 to 2006, while the number of small mills remained the same.
- In 2006, the primary wood-using mills in Missouri processed 129.7 million cubic feet of industrial roundwood, 3.5 million cubic feet more than processed in 2003.
- Ninety percent of the industrial roundwood processed by the State's primary wood-using mills was cut from Missouri's forest lands, a decrease from the 93 percent found in 2003. Illinois, Arkansas, and Indiana were the largest suppliers of out-of-State roundwood in 2006. Combined, they supplied another 7 percent of the industrial roundwood used by Missouri mills. Other states that supplied more than 500 thousand cubic feet of industrial roundwood to Missouri mills where Tennessee, Ohio, Kentucky and Kansas (table 2).
- Less than 7 percent of the industrial roundwood processed by Missouri mills consisted of softwood species.
- The production of industrial roundwood decreased from 128 million cubic feet in 2003 to 125 million cubic feet in 2006 (table 3, fig. 2).
- The production of saw logs accounted for 88 percent of the total industrial roundwood produced in 2006. Cooperage and pulpwood products were the next largest consumers of Missouri's industrial roundwood production with 4 percent and almost 2 percent, respectively, of the total production (table 3).
- In 2006, the Eastern Ozark Unit was the leading producer of industrial roundwood in Missouri, with 55 million cubic feet, or 44 percent of the total industrial roundwood produced. The Prairie Unit was second with 22 million cubic feet (18 percent of the total), followed by the Southwestern Ozark Unit with 20 million cubic feet (16 percent of the total), the Riverborder Unit with 17 million cubic feet (14 percent of the total), and the Northwestern Ozark Unit with 11 million cubic feet (9 percent of the total) (table 4, fig. 3).

About the Authors

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- The Riverborder Unit and the Northwestern Ozark Unit showed an increase of 20 percent and 1 percent, respectively, in the production of industrial roundwood between 2003 and 2006. The Prairie Unit decreased by 15 percent, the Southwestern Ozark Unit decreased by 6 percent, and the Eastern Ozark Unit decreased by 1 percent.
- The red oak group was the most harvested species group in 2006, accounting for 46 percent of the total industrial roundwood volume. White oaks at almost 28 percent, hickories and black walnut at 5 percent each, and shortleaf pine at 4 percent, were the other major species harvested (table 5).
- Wood processing mills in Missouri received 93 percent of the industrial roundwood that was harvested from Missouri's forests in 2006. Two percent of the industrial roundwood production went to mills in Kentucky. The remainder of the exported industrial roundwood went to mills in Arkansas, Illinois, Indiana, Iowa, Kansas, Louisiana, Nebraska, Oklahoma, Tennessee, and Wisconsin, and to other countries (table 6).

Figure 1 - Location of Missouri primary wood processing mills, 2006

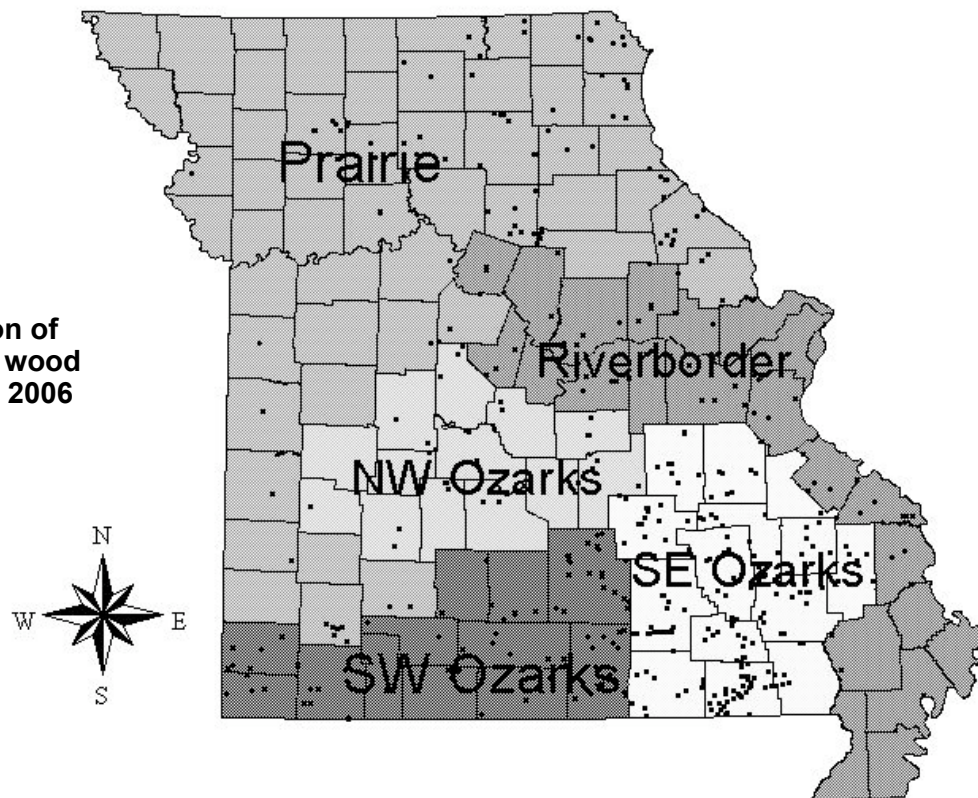


Figure 2 - Industrial roundwood production by product, Missouri, 1994-2006

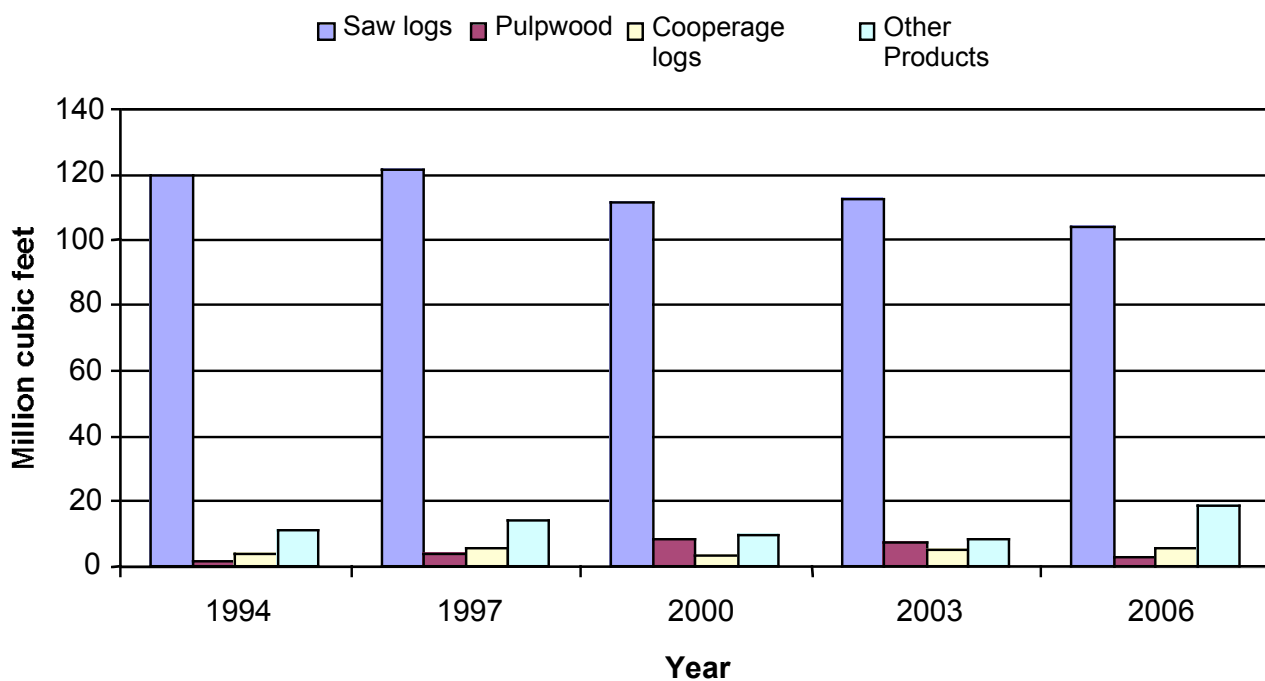
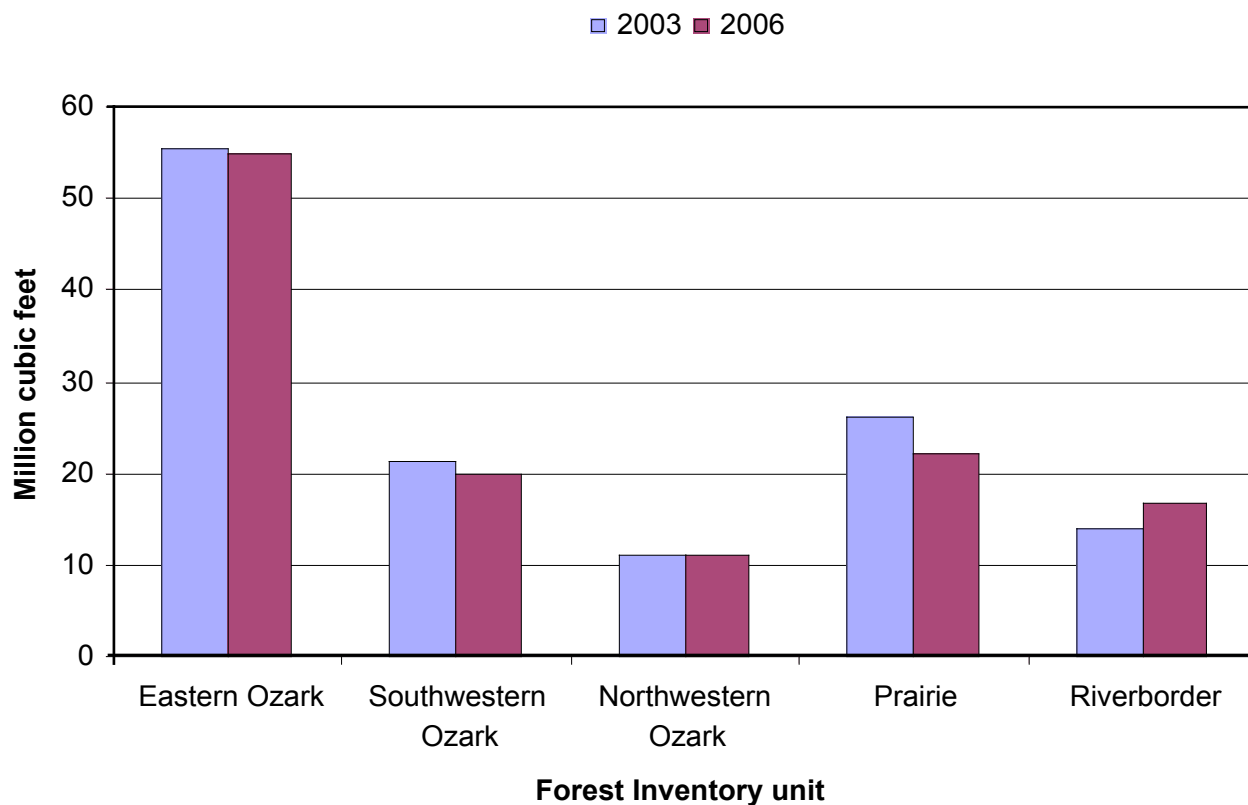


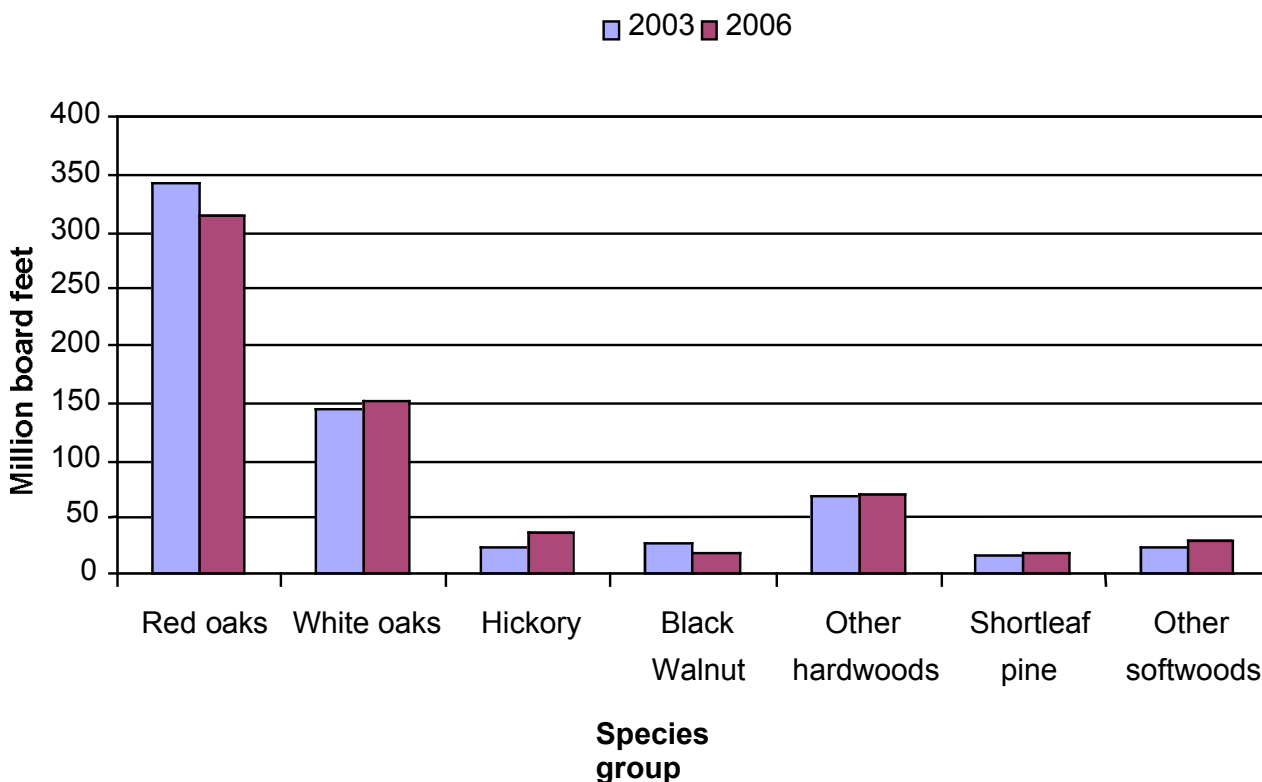
Figure 3 - Industrial roundwood production by Forest Inventory Unit, Missouri, 2003 and 2006



SAW LOGS

- Missouri's sawmills processed 649 million board feet of saw logs in 2006, a decrease of 3 percent from 2003 (table 7).
- Saw log production in Missouri decreased by more than 10 million board feet, or 2 percent; from 629 million board feet in 2003 to 618 in 2006 (table 7).
- The Eastern Ozark Unit was the leading producer of saw logs in 2006 with 282 million board feet, or just over 45 percent of the total. The Prairie Unit produced 116 million board feet, or 19 percent of the saw logs; the Southwestern Ozark Unit produced almost 100 million board feet, or 16 percent of the saw logs; the Riverborder Unit produced 67 million board feet, or 11 percent; and the Northwestern Ozark Unit produced 54 million board feet, or 9 percent of the saw logs (table 7).
- Red oaks accounted for over half the saw log volume (312 million board feet) harvested from Missouri's forests in 2006. Other important species groups were white oaks at 152 million board feet, hickory at 36 million board feet, black walnut at 26 million board feet and cottonwood at 20 million board feet (fig. 4).

Figure 4 - Saw log production by species group, Missouri 2003 and 2006



COOPERAGE

- Cooperage logs and bolt production of white oak was the second largest consumer of Missouri's industrial roundwood production in 2006, increasing from 30 million board feet in 2003 to 32 million board feet in 2006 (table 4).
- The Riverborder and Prairie Units were the largest producers of cooperage logs and bolts in 2006, with 8 million board feet each.

EXCELSIOR AND SHAVINGS

- In 2006, excelsior and shavings became the third largest industrial roundwood product harvested in Missouri. The almost 4 million cubic feet harvested was an increase of over 300 percent from 2003.
- Eastern redcedar was the most harvested species for excelsior and shavings in 2006, accounting for almost a third of the total. Hardwoods made up under 60 percent of the species harvested.

OTHER PRODUCTS

- Industrial roundwood production for pulpwood decreased from 91 thousand cords in 2003 to 29 thousand cords in 2006, a 68 percent decrease. Ninety-five percent of the pulpwood harvested in Missouri was sent to mills in other states.
- Veneer log production was 5 million board feet in 2006. The Prairie Unit and the River-border Unit combined supplied 88 percent of the veneer log production for the State (table 4).
- Charcoal production from industrial roundwood totaled almost 10 thousand cords in 2006 (table 4).
- Missouri produced just almost 1 million posts in 2006.
- Other industrial roundwood products harvested from Missouri's forests in 2006 include poles, handles, and cabin logs.

- Residential fuelwood is a major nonindustrial product in Missouri. The results of a residential fuelwood study conducted in 1987 are available in "Residential Fuelwood Production and Sources from Roundwood in Missouri, 1987," RB-NC-132, by Ronald L. Hackett, Daniel J. Witter, and W. Brad Smith. This report is available online at: <http://www.ncrs.fs.fed.us/pubs/>.

TIMBER REMOVALS

- In the production of industrial roundwood in 2006, 127 million cubic feet of Missouri's growing-stock inventory was removed from timberland. About 81 percent of the growing-stock removed was used for products. Another 84 million cubic feet of non-growing-stock wood material was removed from Missouri's timberland, but only 27 percent of this material was used for industrial roundwood production (table 8).
- Almost 60 percent of the total wood material harvested from Missouri's forests in 2006 was used for the production of primary wood products. The remainder was left on the ground as harvest residues (fig. 5).
- Cull trees accounted for over 69 percent of the non-growing-stock sources of roundwood used for the production of primary wood products. The remaining non-growingstock volume came from limbwood (13 percent), nonforest trees (10 percent), dead trees (7 percent), and saplings (1 percent).
- Forty-five percent of the growing-stock removals came from the Eastern Ozark Unit, 17 percent from the Prairie Unit, 15 percent from the Southwestern Ozark Unit, 14 percent from the Riverborder Unit, and 9 percent from the Northwestern Ozark Unit (table 9).
- Industrial roundwood harvesting removed 492 million board feet of wood from the sawtimber portion of Missouri's growing-stock inventory in 2006 (table 10).

HARVEST RESIDUES

- In 2006, harvesting of industrial roundwood products left 87 million cubic feet of harvest residues on the ground in Missouri (table 11)--a decrease of about 1 percent from 2003.
- The red oak and white oak species groups accounted for 72 percent of the volume of harvest residues generated in Missouri in 2006.

PRIMARY MILL RESIDUES

- In converting industrial roundwood into products such as lumber, wood pulp, and veneer, Missouri's primary wood-using industry generated 1.9 million green tons of wood and bark residues in 2006 (table 12).
- Almost fifty percent of the mill residues produced in 2006 were in the form of coarse wood residues, such as slabs and edgings. Fine residues made up another 29 percent of the mill residues produced, and bark residue accounted for the remaining 22 percent (fig. 6).
- Charcoal plants consumed 32 percent of the total residues produced by Missouri's primary wood-using mills in 2006. Miscellaneous uses, such as livestock bedding and mulch, used another 26 percent of the mill residues generated (fig. 7).
- Thirty-four percent of the coarse and fine wood residues were used in the production of charcoal in 2006. Another 20 percent of these wood residues were sent to pulp and particleboard plants.
- Fifty-four percent of the bark residue was used for miscellaneous uses such as mulch or livestock bedding.
- There were 186 thousand green tons, or 10 percent of mill residues, that went unused in 2006. In 2003, 7 percent of mill residues were not used.

Figure 5 - Distribution of timber removals for industrial roundwood by source of material, Missouri, 2006

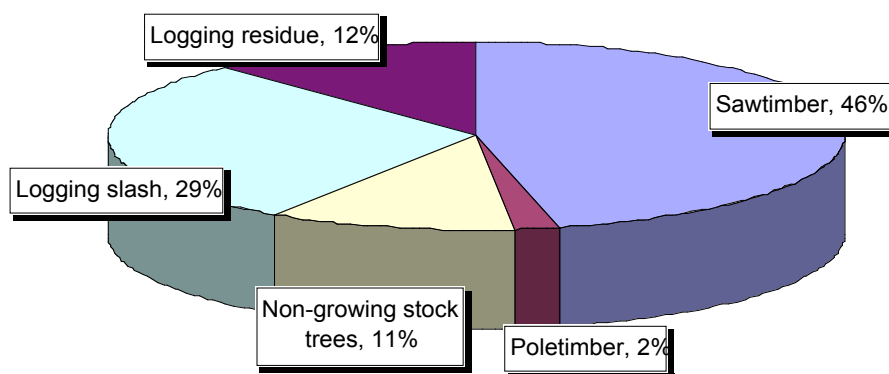


Figure 6 - Distribution of residues generated at primary wood-using mills by method of disposal, Missouri, 2006

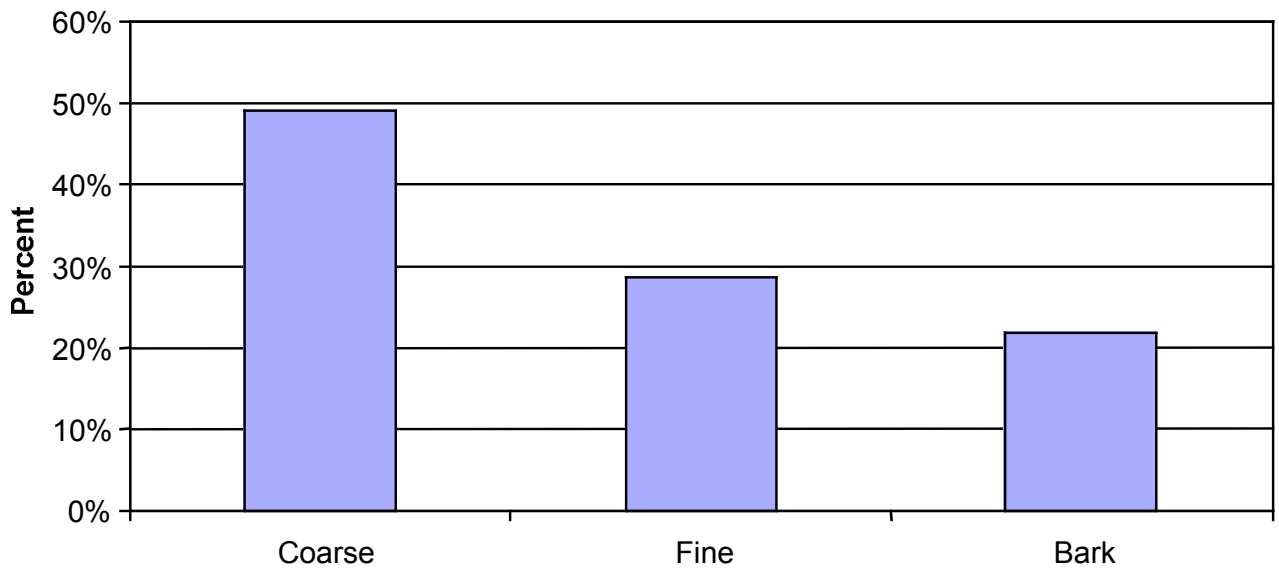
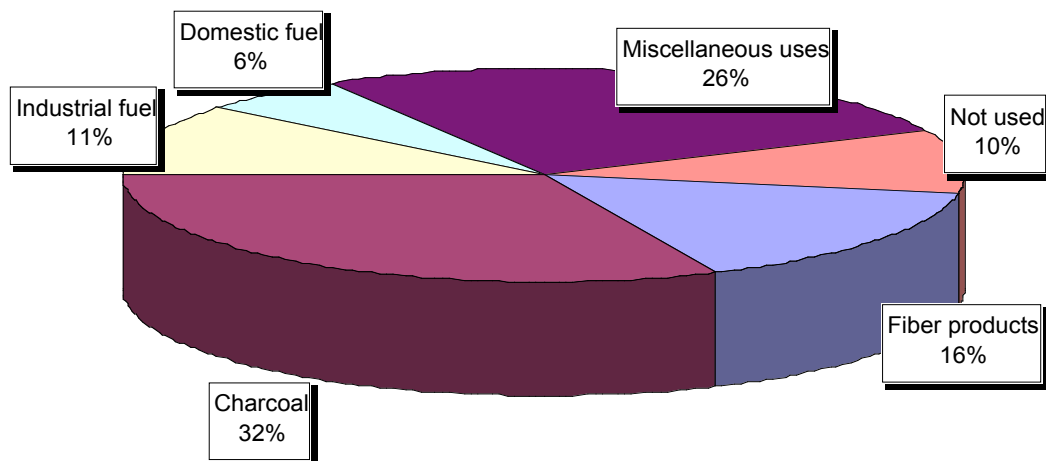


Figure 7 – Distribution of residues generated at primary wood-using mills by type of residue, Missouri, 2006



APPENDIX

STUDY METHODS

This study was a cooperative effort of the Missouri Department of Conservation (MDC) and the Northern Research Station (NRS). Using questionnaires designed and supplied by MDC and designed to determine the size and composition of the State's primary wood-using industry, its use of roundwood, and its generation and disposition of wood residues, MDC personnel visited all primary wood-using mills within the State. Followup visits were made as needed in an effort to achieve a 100-percent response. Completed questionnaires were sent to MDC for data entry and then electronically forwarded to NRS for editing and processing.

As part of data editing and processing, all industrial roundwood volumes reported on the questionnaires were converted to standard units of measure using regional conversion factors. Timber removals by source of material and harvest residues generated during logging were estimated from standard product volumes using factors developed from logging utilization studies previously conducted by NRS. Finalized data on Missouri's industrial roundwood receipts were loaded into a regional timber removals database where they were supplemented with data on out-of-State uses of Missouri roundwoods to provide a complete assessment of Missouri's timber product output.

DEFINITION OF TERMS

Board foot

Unit of measure applied to roundwood. It relates to lumber that is 1 foot long, 1 foot wide, and 1 inch thick (or its equivalent).

Bolt

A short log no more than 8 feet long, to be sawn for lumber, peeled or sliced for veneer, shaved for excelsior, or converted into shingles, cooperage stock, dimension stock, blocks, blanks, etc.

Central stem

The portion of a tree between a 1-foot stump and the minimum 4.0-inch top diameter outside bark, or point where the central stem breaks into limbs.

Coarse mill residue

Wood residue suitable for chipping such as slabs, edgings, and veneer cores.

Commercial species

Tree species presently or prospectively suitable for industrial wood products. Note: Excludes species of typically small size, poor form, or inferior quality such as hophornbeam, Osage-orange, and redbud.)

Cull removals

Net volume of rough and rotten trees plus the net volume in sections of the central stem of growing-stock trees that do not meet regional merchantability standards harvested for industrial roundwood products.

Dead removals

Net volume of dead trees harvested for industrial roundwood products.

Diameter at breast height (d.b.h.)

The outside bark diameter at 4.5 feet above the forest floor on the uphill side of the tree. For determining breast height, the forest floor includes the duff layer that may be present, but does not include unincorporated woody debris that may rise above the ground line.

Fine mill residue

Wood residue not suitable for chipping such as sawdust and veneer clippings.

Forest land

Land at least 10 percent stocked by forest trees of any size, or formerly having had such tree cover, and not currently developed for nonforest use. (Note: Stocking is measured by comparing specified standards with basal area and/or number of trees, age or size, and spacing.) The minimum area for classification of forest land is 1 acre.

Roadside, streamside, and shelterbelt strips of timber must have a crown width of at least 120 feet to qualify as forest land. Unimproved roads and trails, streams or other bodies of water, or clearings in forest areas shall be classed as forest if less than 120 feet wide.

Growing-stock removals

The growing-stock volume removed from the timberland inventory by harvesting industrial roundwood products. (Note: Includes sawtimber removals, poletimber removals, and logging residues.)

Growing-stock tree

A live timberland tree of commercial species that meets specified standards of size, quality, and merchantability. (Note: Excludes rough, rotten, and dead trees.)

Growing-stock volume

Net volume of growing-stock trees 5.0 inches d.b.h. and over, from 1 foot above the ground to a minimum 4.0inch top diameter outside bark of the central stem or to the point where the central stem breaks into limbs.

Hardwoods

Dicotyledonous trees, usually broad-leaved and deciduous.

Harvest residues

The total net volume of unused portions of trees cut or killed by logging. (Note: Includes both logging residues and logging slash.)

Industrial fuelwood

A roundwood product, with or without bark, used to generate energy at manufacturing facilities, schools, correctional institutions, or electric generating plants.

Industrial roundwood exports

The quantity of industrial roundwood harvested in a geographical area and transported to other geographical areas.

Industrial roundwood imports

The quantity of industrial roundwood received from other geographical areas.

Industrial roundwood products

Saw logs, pulpwood, veneer logs, poles, commercial posts, pilings, cooperage logs, particleboard bolts, shaving bolts, lath bolts, charcoal bolts, and chips from roundwood used for pulp or board products.

Industrial roundwood production

The quantity of industrial roundwood harvested in a geographic area plus all industrial roundwood exported to other geographical areas.

Industrial roundwood receipts

The quantity of industrial roundwood received by commercial mills in a geographic area plus all industrial roundwood imported from other geographical areas.

Industrial roundwood retained

The quantity of industrial roundwood harvested from and processed by commercial mills within the same geographical area.

International 1/4-inch rule

A log rule or formula for estimating the board foot volume of logs, allowing 61/2-inch of taper for each 4-foot length. The rule appears in a number of forms that allow for kerf. In this form, 1/4-inch of kerf is assumed. This rule is used as the USDA Forest Service standard log rule in the Eastern United States.

Limbwood removals

Net volume of all portions of a tree other than the central stem (including forks, large limbs, tops, and stumps) harvested for industrial roundwood products.

Logging residue

The net volume of unused portions of the merchantable central stem of growing-stock trees cut or killed by logging.

Logging slash

The net volume of unused portions of the unmerchantable (non-growing-stock) sections of trees cut or killed by logging.

Merchantable sections

Refers to sections of the central stem of growing-stock trees that meet either pulpwood or saw log specifications.

Net volume

Gross volume less deductions for rot, sweep, or other defects affecting use for roundwood products.

Noncommercial species

Tree species of typically small size, poor form, or inferior quality that normally do not develop into trees suitable for industrial roundwood products. Classified in volume tables as rough trees.

Nonforest land

Land that has never supported forests, and land formerly forested where use for timber management is precluded by development for other uses. (Note: Includes areas used for crops, active Christmas tree plantations, orchards, nurseries, improved pasture, residential areas, city parks, improved roads of any width and adjoining clearings, powerline clearings of any width, and 1- to 39.9-acre areas of water classified by the Bureau of the Census as land.) If intermingled in forest areas, unimproved roads and nonforest strips must be more than 120 feet wide and more than 1 acre to qualify as nonforest land.

Nonforest land removals

Net volume of trees on nonforest lands harvested for industrial roundwood products.

Poletimber

A growing-stock tree at least 5.0 inches d.b.h. but smaller than sawtimber size (9.0 inches d.b.h. for softwoods, 11.0 inches d.b.h. for hardwoods).

Poletimber removals

Net volume in the merchantable central stem of poletimber trees harvested for industrial roundwood products.

Primary wood-using mills

Mills receiving roundwood or chips from roundwood for processing into products such as lumber, veneer, pulp, etc.

Primary wood-using mill residue

Wood materials (coarse and fine) and bark generated at manufacturing plants that process industrial roundwood into principal products. These residues include wood products (byproducts) obtained incidental to production of principal products and wood materials not utilized for some product.

Rotten tree

A tree that does not meet regional merchantability standards because of excessive unsound cull.

Rough tree

A tree that does not meet regional merchantability standards because of excessive sound cull. Includes noncommercial tree species.

Roundwood

Logs, bolts, or other round sections cut from trees (including chips from roundwood).

Sapling

A live tree between 1.0 and 5.0 inches d.b.h.

Sapling removals

Net volume in saplings harvested for industrial roundwood products.

Saw log portion

That portion of the central stem of saw-timber trees between the stump and the saw log top.

Saw log top

The point on the central stem of saw-timber trees above which a saw log cannot be produced. The minimum saw log top is 7.0 inches diameter out-side bark for softwoods and 9.0 inches diameter outside bark for hardwoods.

Sawtimber removals

As used in table 8, sawtimber removals refers to the net volume in the merchantable central stem of saw-timber trees harvested for industrial roundwood products. (Note: Includes the saw log and upper stem portions of sawtimber trees.) When referring to the sawtimber volume removed from the timberland inventory as in table 10, sawtimber removals refers to the net volume in the saw log portion of saw-timber trees harvested for roundwood products or left on the ground as harvest residues, and is usually expressed in thousands of board feet (International 1/4-inch rule).

Sawtimber tree

A growing-stock tree containing at least a 12-foot saw log or two noncontiguous saw logs 8 feet or longer, and meeting regional specifications for freedom from defect. Softwoods must be at least 9.0 inches d.b.h. and hardwoods must be at least 11.0 inches d.b.h.

Sawtimber volume

Net volume in the saw log portion of sawtimber trees.

Softwoods

Coniferous trees, usually evergreen, having needles or scale-like leaves.

Timber product output

The volume of roundwood products produced from an area's forests.

Timberland

Forest land that is producing, or is capable of producing, in excess of 20 cubic feet per acre per year of industrial roundwood products under natural conditions, is not withdrawn from timber utilization by statute or administrative regulation, and is not associated with urban or rural development.

Tree

A woody perennial plant, typically large, with a single well-defined stem carrying a more or less definite crown; sometimes defined as attaining a minimum diameter of 3 inches (7.6 cm) and a minimum height of 15 ft (4.6 m) at maturity. For FIA, any plant on the tree list in the current field manual is measured as a tree.

Upper stem portion

That portion of the central stem of sawtimber trees between the saw log top and the minimum top diameter of 4.0 inches outside bark, or to the point where the central stem breaks into limbs.

COMMON AND SCIENTIFIC NAMES OF TREE SPECIES MENTIONED IN THIS REPORT

SOFTWOODS

Eastern redcedar	<i>Juniperus virginiana</i>
Shortleaf pine	<i>Pinus echinata</i>
Eastern white pine	<i>Pinus strobus</i>
Other pine	
Scotch pine	<i>Pinus sylvestris</i>
Virginia pine	<i>Pinus virginiana</i>
Cypress	<i>Taxodium distichum</i>

HARDWOODS

Hard maple	
Black maple	<i>Acer nigrum</i>
Sugar maple	<i>Acer saccharum</i>
Soft maple	
Boxelder	<i>Acer negundo</i>
Red maple	<i>Acer rubrum</i>
Silver maple	<i>Acer saccharinum</i>
Ohio buckeye	<i>Aesculus glabra</i>
River birch	<i>Betula nigra</i>
Hickory	
Water hickory	<i>Carya aquatica</i>
Bitternut hickory	<i>Carya cordiformis</i>
Pignut hickory	<i>Carya glabra</i>
Shellbark hickory	<i>Carya laciniosa</i>
Shagbark hickory	<i>Carya ovata</i>
Black hickory	<i>Carya texana</i>
Mockernut hickory	<i>Carya tomentosa</i>
Pecan	<i>Carya illinoensis</i>
Northern catalpa	<i>Catalpa speciosa</i>
Sugarberry	<i>Celtis laevigata</i>
Hackberry	<i>Celtis occidentalis</i>
Common persimmon	<i>Diospyros virginiana</i>
American beech	<i>Fagus grandifolia</i>
Ash	
White ash	<i>Fraxinus americana</i>
Black ash	<i>Fraxinus nigra</i>
Green ash	<i>Fraxinus pennsylvanica</i>
Blue ash	<i>Fraxinus quadrangulata</i>
Honeylocust	<i>Gleditsia triacanthos</i>
Kentucky coffeetree	<i>Gymnocladus dioica</i>
Butternut	<i>Juglans cinerea</i>
Black walnut	<i>Juglans nigra</i>
Sweetgum	<i>Liquidambar styraciflua</i>
Yellow-poplar	<i>Liriodendron tulipifera</i>
Osage-orange	<i>Maclura pomifera</i>
Cucumbertree	<i>Magnolia acuminata</i>
Red mulberry	<i>Morus rubra</i>

Tupelo	
Swamp tupelo (blackgum).....	<i>Nyssa sylvatica</i> var
biflora	
Black tupelo	<i>Nyssa sylvatica</i> var
sylvatica	
American sycamore	<i>Platanus occidentalis</i>
Eastern cottonwood	<i>Populus deltoides</i>
Black cherry	<i>Prunus serotina</i>
Red oak group	
Scarlet oak	<i>Quercus coccinea</i>
Northern pin oak	<i>Quercus ellipsoidalis</i>
Southern red oak	<i>Quercus falcata</i>
Cherrybark oak.....	<i>Quercus falcata</i> var
pagodifolia	
Shingle oak	<i>Quercus imbricaria</i>
Blackjack oak	<i>Quercus marilandica</i>
Water oak.....	<i>Quercus nigra</i>
Pin oak	<i>Quercus palustris</i>
Willow oak.....	<i>Quercus phellos</i>
Northern red oak.....	<i>Quercus rubra</i>
Shumard oak	<i>Quercus shumardii</i> var
shumardii	
Black oak	<i>Quercus velutina</i>
White oak group	
White oak	<i>Quercus alba</i>
Swamp white oak.....	<i>Quercus bicolor</i>
Overcup oak	<i>Quercus lyrata</i>
Bur oak	<i>Quercus macrocarpa</i>
Swamp chestnut oak	<i>Quercus michauxii</i>
Chinkapin oak.....	<i>Quercus muehlenbergii</i>
Post oak.....	<i>Quercus stellata</i>
Black locust	<i>Robinia pseudoacacia</i>
Black willow	<i>Salix nigra</i>
Sassafras	<i>Sassafras albidum</i>
American basswood	<i>Tilia americana</i>
Elm	
Winged elm	<i>Ulmus alata</i>
American elm	<i>Ulmus americana</i>
Slippery elm.....	<i>Ulmus rubra</i>
Rock elm.....	<i>Ulmus thomasii</i>

TABLE TITLES

Table 1 —*Number of active primary wood-using mills by survey year, Missouri*

Table 2 —*Industrial roundwood receipts by species group and State of origin, Missouri, 2006*

Table 3 —*Industrial roundwood production by product, softwoods and hardwoods, and survey year, Missouri*

Table 4 —*Industrial roundwood production by Forest Inventory Unit, species group, and product, Missouri, 2006*

Table 5 —*Industrial roundwood production by Forest Inventory Unit, county, and species group, Missouri, 2006*

Table 6 —*Industrial roundwood production by Forest Inventory Unit, species group, and State of destination, Missouri, 2006*

Table 7 — *Saw log receipts and production by Forest Inventory Unit and species group, Missouri, 2003 and 2006*

Table 8 — *Wood material harvested for industrial roundwood by species group and source of material, Missouri, 2006*

Table 9 — *Growing-stock removals from timberland for industrial roundwood by Forest Inventory Unit, county, and species group, Missouri, 2006*

Table 10—*Sawtimber removals from timberland for industrial roundwood by Forest Inventory Unit, county, and species group, Missouri, 2006*

Table 11 —*Harvest residue generated by industrial roundwood harvesting by Forest Inventory Unit, county, and species group, Missouri, 2006*

Table 12 —*Disposition of residues produced at primary wood-using mills by Forest Inventory Unit, disposition, residue type, and softwoods and hardwoods, Missouri, 2006*

TABLES

Table 1. -- Number of active primary wood-using mills by survey year, Missouri

Kind of mill and mill size	Survey Year										
	1946	1958	1969	1980	1987	1991	1994	1997	2000	2003	2006
Sawmills											
Large ¹	2	5	7	8	13	17	32	35	31	34	38
Medium ²	43	103	117	163	169	172	189	212	185	170	152
Small ³	2,548	882	425	315	228	206	191	170	187	167	167
Total	2,593	990	549	486	410	395	412	417	403	371	357
Cooperage mills	85	36	36	30	20	20	12	8	8	8	8
Veneer mills	6	3	4	4	5	4	1	1	1	1	0
Pulp mills	--	2	2	2	1	1	1	1	1	1	1
Charcoal ⁴	3	60	52	36	15	14	14	10	6	4	4
Handle mills	19	12	7	10	6	6	5	6	4	5	4
Posts and pole	6	14	22	28	23	17	9	9	8	8	8
Other products ⁵	94	44	9	3	11	14	7	6	9	6	7
Total	213	171	132	113	81	76	49	41	37	33	32
All mills	2,806	1,161	681	599	491	471	461	458	440	404	389

¹ Annual lumber production in excess of 5 million board feet.

² Annual lumber production from 1 million to 5 million board feet.

³ Annual lumber production less than 1 million board feet.

⁴ Includes only those charcoal operations using roundwood.

⁵ Includes plants producing shavings, cabin logs, mine timbers, poles, etc.

Table 2. -- Industrial roundwood receipts by species group and State of origin, Missouri, 2006

(In thousand cubic feet)

Species group	Total	State of origin												Other States
		Arkansas	Illinois	Indiana	Iowa	Kansas	Kentucky	Missouri	Nebraska	Ohio	Oklahoma	Tennessee	Wisconsin	
Softwoods														
Eastern redcedar	3,720	26	9	--	0	2	--	3,684	--	--	--	--	--	--
Shortleaf pine	4,931	129	--	--	--	--	--	4,802	--	--	--	--	--	--
White pine	0	--	--	--	--	--	--	0	--	--	--	--	--	--
Cypress	21	--	--	--	--	--	--	21	--	--	--	0	--	--
Total	8,672	155	9	--	0	2	--	8,507	--	--	--	0	--	--
Hardwoods														
Soft maple	2,245	33	364	--	265	27	--	1,551	4	--	--	--	--	--
Hard maple	648	--	73	--	--	--	2	573	--	--	--	0	--	--
River birch	57	--	--	--	--	--	--	57	--	--	--	--	--	--
Hickory	6,747	230	321	--	12	11	57	6,083	--	--	--	33	--	--
Pecan	25	--	--	--	--	--	--	25	--	--	--	--	--	--
Hackberry	308	--	--	--	--	4	--	304	--	--	--	--	--	--
Ash	1,555	60	128	--	9	13	7	1,337	2	--	--	0	--	--
Honeylocust	44	--	--	--	--	--	--	44	--	--	--	--	--	--
Black walnut	3,856	54	81	--	49	288	1	3,335	6	--	43	0	--	--
Sweetgum	327	62	--	--	--	--	--	265	--	--	--	--	--	--
Yellow-poplar	415	--	236	--	--	--	3	158	--	--	--	18	--	--
Osage-orange	0	--	--	--	--	--	--	0	--	--	--	--	--	--
Tupelo	94	2	--	--	--	--	--	92	--	--	--	--	--	--
Sycamore	2,323	212	81	--	11	16	--	2,001	1	--	--	--	--	--
Cottonwood	3,205	4	377	--	41	18	--	2,764	1	--	--	--	--	--
Black cherry	243	111	12	--	0	--	1	119	--	--	--	0	--	--
Red oak group	59,837	1,291	1,728	128	36	58	152	56,319	3	--	--	122	--	--
White oak group	38,579	1,078	1,455	940	37	65	344	32,813	3	849	--	592	18	384
Black locust	26	--	--	--	--	--	--	26	--	--	--	--	--	--
Basswood	12	--	--	--	2	3	--	6	1	--	--	--	--	--
Elm	505	23	3	--	6	4	--	468	--	--	--	--	--	--
Other hardwoods	0	--	--	--	--	--	--	0	--	--	--	--	--	--
Total	121,052	3,160	4,859	1,067	468	506	569	108,341	23	849	43	765	18	384
State total	129,724	3,315	4,867	1,067	468	507	569	116,848	23	849	43	765	18	384

0 = Less than 500 cubic feet.

Table may not sum due to rounding.

Table 3. -- Industrial roundwood production by product, softwoods and hardwoods, and survey year, Missouri

(In million cubic feet)

Product	Survey Year										
	1946	1958	1969	1980	1987	1991	1994	1997	2000	2003	2006
SOFTWOODS											
Saw logs	8.3	4.1	3.3	5.5	7.8	7.5	9.3	9.5	6.5	4.7	5.7
Veneer logs	--	--	--	--	--	--	*	*	--	*	--
Pulpwood	0.1	0.1	--	--	--	--	*	0.1	--	0.2	*
Charcoal	--	--	--	--	--	--	*	*	--	--	--
Cooperage logs	--	--	--	--	--	--	--	--	--	--	--
Handle bolts	--	--	--	--	--	--	--	--	--	--	--
Poles	*	0.2	0.3	--	*	--	--	--	0.1	--	0.5
Posts	3.2	0.8	1.2	0.5	0.7	2.6	0.9	1.1	0.7	1.1	0.7
Mine timbers	*	*	--	--	--	--	--	--	--	--	--
Fuelwood ¹	0.2	0.2	0.1	--	--	*	--	--	--	--	--
Other products ²	*	*	0.3	0.2	0.6	1.7	1.8	1.1	1.5	0.9	1.7
Total	11.8	5.4	5.2	6.2	9.1	11.8	12.1	11.9	8.8	6.9	8.7
HARDWOODS											
Saw logs	71.1	43.7	63.0	66.2	81.9	86.2	110.7	115.5	106.6	106.5	104.3
Veneer logs	1.4	1.0	1.0	0.7	1.0	1.7	1.1	0.9	0.7	1.3	1.1
Pulpwood	0.5	0.7	1.9	1.9	2.2	1.2	1.5	4.2	8.5	7.0	2.3
Charcoal	0.6	3.2	16.7	6.2	2.7	4.6	2.4	1.2	0.8	0.6	0.7
Cooperage logs	14.9	4.5	8.9	4.7	2.0	4.8	4.2	5.1	3.3	4.9	5.3
Handle bolts	1.3	1.2	0.4	--	0.1	0.2	0.2	0.3	0.1	0.2	2.3
Poles	--	--	*	--	0.1	--	--	--	--	--	*
Posts	7.8	8.8	1.3	1.2	0.6	0.5	0.2	0.3	0.1	*	*
Mine timbers	3.4	0.5	0.1	--	--	--	--	*	--	*	--
Fuelwood ¹	59.2	61.7	24.4	--	--	--	--	--	--	--	--
Other products ²	2.2	5.7	0.7	0.4	0.2	10.4	0.3	0.2	0.2	0.1	2.4
Total	162.4	131.0	118.4	81.3	90.8	109.6	120.5	127.7	120.2	120.7	116.3
All products	174.2	136.4	123.6	87.5	99.9	121.4	132.6	139.6	129.0	127.7	125.0

* Less than 50,000 cubic feet.

¹ Does not include residential fuelwood.

² Includes shavings, excelsior, cabin logs, rails, etc.

Table may not sum due to rounding.

Table 4. -- Industrial roundwood production by Forest Inventory Unit, species group, and product, Missouri, 2006

All Units																					
Species group	All products		Saw logs		Veneer logs		Pulpwood		Charcoal		Cooperage		Handles		Poles		Posts		Cabin logs	Excelsior/shavings	
	MCF ²	MBF ¹	MCF ²	MBF ¹	MCF ²	MBF ¹	Cords ³	MCF ²	Cords ³	MCF ²	MBF ¹	MCF ²	MBF ¹	MCF ²	Pieces	MCF ²	M pieces	MCF ²			
Softwoods	3,723	9,002	2,441	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2	1,279	--
Eastern redcedar	4,940	18,924	3,287	--	--	--	2	--	--	--	--	--	--	--	--	177,826	533	954	735	19	364
Shortleaf pine	0	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
White pine	21	121	21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cypress	8,684	28,047	5,750	--	--	--	2	--	--	--	--	--	--	--	--	177,826	533	954	735	21	1,643
Total																					
Hardwoods	2,055	11,800	1,943	6	1	1,273	101	--	--	--	--	--	--	--	--	--	--	0	0	--	9
Soft maple	670	2,916	480	40	9	874	69	0	--	--	--	--	--	--	--	--	--	0	0	--	111
Hard maple	57	297	49	--	--	101	8	--	--	--	--	--	--	--	--	--	--	--	--	--	--
River birch	6,004	35,596	5,863	447	102	4,312	341	755	53	--	--	--	141	23	--	--	0	0	--	--	223
Hickory	31	186	31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pecan	321	1,950	321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hackberry	1	6	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Persimmon	1,601	8,231	1,356	137	31	1,153	91	--	--	--	--	--	697	112	--	--	--	--	1	10	--
Ash	44	269	44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Honeylocust	6,138	25,691	5,624	2,322	504	121	10	--	--	--	--	--	--	--	--	--	0	0	0	--	--
Black walnut	356	1,949	321	--	--	438	35	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sweetgum	236	1,250	206	9	2	354	28	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Yellow-poplar	0	2	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Osage-orange	94	574	94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tupelo	2,047	11,109	1,830	--	--	745	59	--	--	--	--	--	--	--	--	--	--	--	--	--	159
Sycamore	2,830	19,750	2,793	--	--	352	28	--	--	--	--	--	--	--	--	--	--	--	--	--	10
Cottonwood	144	830	137	31	7	--	--	0	--	--	--	--	--	--	--	--	--	--	--	--	--
Black cherry	57,963	312,328	55,594	453	104	8,847	699	8,388	587	--	--	--	--	--	7,856	31	10	6	51	892	--
Red oak group	34,571	152,455	27,137	1,586	363	10,097	798	589	41	32,208	5,308	--	--	--	2,576	10	7	4	21	890	--
White oak group	26	155	26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Black locust	19	117	19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Basswood	540	2,864	472	5	1	734	58	--	--	--	--	--	--	--	--	--	--	--	--	--	9
Elm	0	2	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Other hardwoods	116,349	590,326	104,341	5,035	1,124	29,402	2,323	9,733	681	32,208	5,308	--	--	--	10,432	41	17	10	73	2,313	--
Total	125,033	618,374	110,090	5,035	1,124	29,432	2,325	9,733	681	32,208	5,308	--	--	--	188,258	574	971	745	94	3,956	--
State total																					

(Table 4 continued on next page)

(Table 4 continued)

Eastern Ozark Unit											
Species group	All products	Saw logs	Veneer logs	Pulpwood	Charcoal	Cooperage	Handles	Poles	Posts	Cabin logs	Excelsior/shavings
Softwoods											
Eastern redcedar	261	661	179	--	--	--	--	--	--	2	80
Shortleaf pine	3,221	15,515	2,695	28	--	--	--	51,873	469	361	7
Cypress	14	80	14	--	--	--	--	--	--	--	--
Total	3,496	16,256	2,888	28	2	--	--	51,873	469	361	80
Hardwoods											
Soft maple	172	910	150	--	--	--	--	--	--	--	--
Hard maple	237	890	147	10	--	--	--	--	--	--	49
Hickory	3,777	20,735	3,415	29	492	34	17	3	--	--	99
Hackberry	2	12	2	--	--	--	--	--	--	--	--
Persimmon	0	2	0	--	--	--	--	--	--	--	--
Ash	394	1,559	257	--	--	--	690	111	--	1	0
Black walnut	160	698	153	32	--	--	--	--	--	--	--
Sweetgum	217	1,166	192	--	--	--	--	--	--	--	--
Yellow-poplar	36	199	33	2	--	--	--	--	--	--	--
Tupelo	25	150	25	--	--	--	--	--	--	--	--
Sycamore	307	1,527	252	--	--	--	--	--	--	--	49
Cottonwood	110	776	110	73	--	--	--	--	--	--	--
Black cherry	28	140	23	19	--	--	--	--	--	--	--
Red oak group	32,102	172,548	30,714	--	6,428	450	--	600	2	1	31
White oak group	13,636	63,321	11,271	99	328	23	--	150	1	0	12
Elm	168	827	136	--	--	--	--	--	--	--	--
Total	51,370	265,460	46,878	190	7,248	507	707	750	1	0	44
Unit total	54,866	281,716	49,766	190	7,248	507	707	52,623	470	361	53

Southwestern Ozark Unit

Softwoods											
Eastern redcedar	1,341	4,946	1,341	--	--	--	--	--	--	0	--
Shortleaf pine	1,537	2,709	471	--	--	--	--	121,044	428	330	9
Total	2,878	7,655	1,812	--	--	--	--	121,044	428	330	9
Hardwoods											
Soft maple	16	97	16	--	--	--	--	--	--	--	--
Hard maple	26	154	25	2	--	--	--	--	--	--	--
Hickory	766	4,483	738	64	130	9	21	3	--	--	--
Hackberry	60	367	60	--	--	--	--	--	--	--	--
Persimmon	0	1	0	--	--	--	--	--	--	--	--
Ash	152	895	147	14	--	--	7	1	--	--	--
Black walnut	1,454	6,414	1,404	231	--	--	--	--	--	0	--
Sweetgum	21	127	21	--	--	--	--	--	--	--	--
Yellow-poplar	3	16	3	--	--	--	--	--	--	--	--
Tupelo	40	244	40	--	--	--	--	--	--	--	--
Sycamore	196	1,187	196	--	--	--	--	--	--	--	--
Cottonwood	21	150	21	--	--	--	--	--	--	--	--
Black cherry	50	300	49	2	--	--	--	--	--	--	--
Red oak group	10,110	55,860	9,943	19	1,830	128	--	7,245	9	5	1
White oak group	4,086	21,770	3,875	--	130	9	--	2,415	6	4	1
Elm	9	57	9	--	--	--	--	--	--	--	--
Total	17,009	92,120	16,549	332	2,090	146	28	9,660	15	9	3
Unit total	19,887	99,775	18,361	332	2,090	146	28	130,704	443	338	12

(Table 4 continued on next page)

(Table 4 continued)

Northwestern Ozark Unit											
Species group	All products	Saw logs	Veneer logs	Pulpwood	Charcoal	Cooperage	Handles	Poles	Posts	Cabin logs	Excelsior/shavings
Softwoods											
Eastern redcedar	499	1,208	328							0	171
Shorleaf pine	122	362	63					4,909	15	57	44
Total	621	1,570	390					4,909	15	57	44
Hardwoods											
Soft maple	44	251	41								2
Hard maple	1	6	1								
Hickory	282	1,659	273		0						
Hackberry	4	23	4		130	9					
Persimmon	0	1	0								
Ash	56	324	53								2
Black walnut	485	2,139	468							0	
Sycamore	187	1,120	184								2
Cottonwood	50	336	48								2
Black cherry	1	7	1								
Red oak group	4,422	24,761	4,407		130	9				6	
White oak group	4,934	22,150	3,943		130	9				5	
Elm	11	52	9							2	
Total	10,477	52,829	9,433	78	391	27		5,928	977		12
Unit total	11,098	54,399	9,824	78	391	27		5,928	977	15	183

Prairie Unit

Prairie Unit											
Species group	All products	Saw logs	Veneer logs	Pulpwood	Charcoal	Cooperage	Handles	Poles	Posts	Cabin logs	Excelsior/shavings
Softwoods											
Eastern redcedar	70	106	29								42
Total	70	106	29								42
Hardwoods											
Soft maple	1,520	9,125	1,503						0	0	7
Hard maple	58	336	55						0	0	
River birch	47	263	43								
Hickory	882	5,173	852		3	0			0	0	
Pecan	15	89	15								
Hackberry	231	1,403	231								
Persimmon	0	2	0								
Ash	649	3,850	634								7
Honeylocust	44	269	44								
Black walnut	3,516	14,327	3,136						0	0	
Sweetgum	6	36	6								
Osage-orange	0	2	0								
Sycamore	842	4,990	822								7
Cottonwood	2,093	14,672	2,075								7
Black cherry	36	216	36								
Red oak group	6,019	33,756	6,009					11	0	0	
White oak group	5,907	25,109	4,469		0	8,475	1,397	11	0	0	
Black locust	21	130	21								
Basswood	19	117	19								
Elm	290	1,715	282								7
Other hardwoods	0	2	0								
Total	22,196	115,582	20,254	2,112	3	8,475	1,397	22	0	2	36
Unit total	22,266	115,688	20,283	2,112	3	8,475	1,397	22	0	2	77

(Table 4 continued on next page)

(Table 4 continued)

Riverborder Unit

Species group	All products	Saw logs	Veneer logs	Pulpwood	Charcoal	Cooperage	Handles	Poles	Posts	Cabin logs	Excelsior/shavings
Softwoods	1,551	2,080	564	--	--	--	--	--	--	0	986
Eastern redcedar	61	339	59	0	--	--	--	--	--	2	--
Shortleaf pine	0	0	0	--	--	--	--	--	--	--	--
White pine	7	41	7	--	--	--	--	--	--	--	--
Cypress	1,619	2,461	630	1	0	--	--	--	--	2	986
Total	302	1,417	233	--	--	--	--	--	--	--	--
Hardwoods	348	1,531	252	19	4	--	--	--	--	--	--
Soft maple	10	33	6	--	--	--	--	--	--	--	62
Hard maple	897	3,545	584	224	51	--	104	17	--	--	124
River birch	16	97	16	--	--	--	--	--	--	--	--
Hickory	24	146	24	--	--	--	--	--	--	--	--
Pecan	0	1	0	--	--	--	--	--	--	--	--
Hackberry	351	1,602	264	107	24	--	--	--	--	0	0
Persimmon	523	2,114	463	254	55	--	--	--	--	--	--
Ash	112	621	102	--	--	--	--	--	--	--	--
Black walnut	197	1,035	171	8	2	--	--	--	--	--	--
Sweetgum	30	180	30	--	--	--	--	--	--	--	--
Yellow-poplar	516	2,284	376	--	--	--	--	--	--	--	100
Tupelo	556	3,815	539	--	--	--	--	--	--	--	--
Sycamore	29	167	27	8	2	--	--	--	--	--	--
Cottonwood	5,310	25,403	4,522	391	89	--	--	--	--	13	496
Black cherry	6,008	20,105	3,579	1,308	299	8,691	1,432	--	--	2	495
Red oak group	4	25	4	--	--	--	--	--	--	--	--
White oak group	63	214	35	5	1	--	--	--	--	--	--
Black locust	15,296	64,335	11,227	2,322	528	8,691	1,432	--	--	15	1,276
Elm	16,915	66,796	11,857	2,322	528	8,691	1,432	--	--	17	2,263
Total	15,296	64,335	11,227	2,322	528	8,691	1,432	104	17	15	1,276
Unit total	16,915	66,796	11,857	2,322	528	8,691	1,432	104	17	17	2,263

0 = Less than 1/2 unit of measure

1 Thousand board feet, International 1/4-inch rule.

2 Thousand cubic feet.

3 Standard cords are 128 cubic feet consisting of 79 cubic feet of wood and 49 cubic feet of bark and air space.

Table may not sum due to rounding.

Table 5. -- Industrial roundwood production by Forest Inventory Unit, county, and species group, Missouri, 2006

(In thousand cubic feet)

Forest Inventory Unit and county	Softwoods						Hardwoods						
	All species	Eastern redcedar	Shortleaf pine		White pine	Total softwoods	Soft maple	Hard maple	River birch	Hickory	Pecan	Hackberry	Ash
Eastern Ozark Unit													
Bollinger	3,451	--	12	--	1	13	27	95	--	325	--	0	166
Butler	2,021	0	127	--	13	140	17	4	--	192	--	1	11
Carter	4,935	20	454	--	--	475	25	16	--	388	--	--	36
Crawford	2,327	100	32	--	--	132	9	11	--	79	--	--	8
Dent	2,704	1	176	--	--	177	--	0	--	75	--	--	6
Iron	4,004	19	150	--	--	169	2	4	--	127	--	--	4
Madison	4,028	19	217	--	--	236	0	25	--	300	--	0	12
Oregon	5,503	16	103	--	--	119	--	20	--	629	--	--	67
Reynolds	5,834	10	384	--	--	393	12	--	--	304	--	--	4
Ripley	4,302	19	332	--	--	351	39	0	--	490	--	--	39
Shannon	6,658	1	734	--	--	735	--	--	--	399	--	--	--
St. Francois	1,548	11	21	--	--	31	--	5	--	89	--	--	10
Washington	2,680	45	211	--	--	256	9	10	--	40	--	--	6
Wayne	4,871	0	268	--	--	268	32	46	--	341	--	0	24
Total	54,866	261	3,221	--	14	3,496	172	237	--	3,777	--	2	394
Southwestern Ozark Unit													
Barry	1,406	39	--	--	--	39	1	1	--	47	--	31	54
Christian	233	20	--	--	--	20	--	--	--	10	--	--	1
Douglas	2,545	28	17	--	--	45	8	4	--	99	--	--	12
Howell	3,684	--	113	--	--	113	--	20	--	324	--	--	45
McDonald	2,050	--	--	--	--	--	4	1	--	57	--	22	22
Newton	756	--	--	--	--	--	3	--	--	14	--	3	2
Ozark	1,853	857	12	--	--	869	--	--	--	40	--	--	1
Stone	112	30	--	--	--	30	--	0	--	20	--	5	8
Taney	360	351	--	--	--	351	--	--	--	0	--	--	--
Texas	5,241	0	1,365	--	--	1,365	--	--	--	140	--	--	--
Webster	403	18	--	--	--	18	--	--	--	3	--	--	--
Wright	1,245	--	30	--	--	30	--	--	--	11	--	--	7
Total	19,887	1,341	1,537	--	--	2,878	16	26	--	766	--	60	152

(Table 5 continued on next page)

(Table 5 continued)

Forest Inventory Unit and county	Hardwoods													Total
	Honey-locust	Black walnut	Sweet-gum	Yellow poplar	Tupelo	Sycamore	Cottonwood	Black cherry	Red oak group	White oak group	Black locust	Elm	Other hardwoods	
Eastern Ozark Unit														
Bollinger	--	11	6	21	7	84	11	9	1,407	1,253	--	15	0	3,438
Butler	--	1	71	--	1	23	23	1	1,078	451	--	7	0	1,881
Carter	--	18	4	--	--	26	--	--	2,869	1,074	--	4	--	4,460
Crawford	--	3	3	--	--	31	--	--	882	1,159	--	11	0	2,195
Dent	--	--	--	--	--	14	--	--	1,583	843	--	6	--	2,527
Iron	--	2	--	--	1	1	--	--	2,979	714	--	--	--	3,835
Madison	--	28	4	0	12	23	1	13	2,292	1,072	--	9	--	3,792
Oregon	--	39	34	--	--	23	17	3	3,375	1,126	--	52	--	5,384
Reynolds	--	31	4	--	--	--	9	--	4,052	1,020	--	4	--	5,441
Ripley	--	3	79	14	--	10	26	--	2,258	960	--	31	--	3,951
Shannon	--	--	0	--	--	--	--	--	4,397	1,127	--	--	--	5,923
St. Francois	--	12	--	--	--	11	1	0	778	608	--	2	--	1,517
Washington	--	3	0	--	--	16	0	0	1,397	935	--	7	--	2,424
Wayne	--	7	13	1	4	44	21	1	2,756	1,294	--	19	--	4,603
Total	--	160	217	36	25	307	110	28	32,102	13,636	--	168	0	51,370
Southwestern Ozark Unit														
Barry	--	159	18	1	1	17	4	0	693	341	--	--	--	1,367
Christian	--	62	--	--	--	--	--	--	88	51	--	0	--	214
Douglas	--	151	--	--	8	40	--	17	1,536	623	--	2	0	2,500
Howell	--	100	--	--	--	65	17	16	2,176	800	--	7	--	3,571
McDonald	--	183	3	1	29	36	--	--	1,221	472	--	--	--	2,050
Newton	--	202	--	--	2	3	--	--	447	80	--	--	--	756
Ozark	--	97	--	--	--	22	--	16	502	306	--	--	--	985
Stone	--	12	--	--	--	2	--	--	22	13	--	--	--	82
Taney	--	2	--	--	--	--	--	--	5	2	--	--	--	9
Texas	--	115	--	--	--	2	--	--	2,655	964	--	--	--	3,875
Webster	--	134	--	--	--	--	--	--	186	63	--	--	--	385
Wright	--	238	--	--	--	8	--	--	581	370	--	--	--	1,215
Total	--	1,454	21	3	40	196	21	50	10,110	4,086	--	9	0	17,009

(Table 5 continued on next page)

(Table 5 continued)

Forest Inventory Unit and county	Softwoods					Hardwoods							
	All species	Eastern redcedar	Shortleaf pine	White pine	Cypress	Total softwoods	Soft maple	Hard maple	River birch	Hickory	Pecan	Hack- berry	Ash
Northwestern Ozark Unit													
Benton	517	30	--	--	--	30	2	--	--	16	--	--	2
Camden	1,079	130	--	--	--	130	--	--	--	1	--	--	1
Cedar	336	--	--	--	--	--	14	--	--	38	--	--	16
Dallas	754	59	--	--	--	59	--	--	--	27	--	1	11
Hickory	726	19	--	--	--	19	--	--	--	26	--	--	1
Laclede	479	19	3	--	--	22	--	--	--	6	--	--	1
Maries	1,743	--	--	--	--	--	19	0	--	14	--	2	6
Miller	1,716	217	--	--	--	217	0	0	--	5	--	--	0
Morgan	659	19	--	--	--	19	2	0	--	4	--	0	--
Phelps	1,986	1	70	--	--	72	1	1	--	87	--	--	4
Polk	376	--	--	--	--	--	--	--	--	40	--	--	4
Pulaski	595	4	48	--	--	52	1	--	--	9	--	--	1
St. Clair	132	--	--	--	--	--	5	--	--	9	--	--	9
Total	11,098	499	122	--	--	621	44	1	--	282	--	4	56
Prairie Unit													
Adair	688	--	--	--	--	--	31	2	--	24	--	--	4
Andrew	19	--	--	--	--	--	--	--	--	--	--	--	--
Atchison	87	--	--	--	--	--	3	--	--	--	--	2	--
Audrain	600	--	--	--	--	--	24	2	--	24	--	--	2
Barton	252	--	--	--	--	--	10	--	--	12	--	2	8
Bates	157	10	--	--	--	10	1	--	--	17	8	10	4
Buchanan	224	--	--	--	--	--	31	--	--	--	--	--	6
Caldwell	235	--	--	--	--	--	30	--	--	3	--	--	20
Carroll	564	--	--	--	--	--	97	--	--	16	--	--	38
Cass	3	--	--	--	--	--	--	--	--	--	--	--	--
Chariton	821	--	--	--	--	--	100	--	13	25	--	13	38
Clark	873	--	--	--	--	--	53	1	--	38	--	--	22
Clinton	6	--	--	--	--	--	--	--	--	--	--	--	--
Cooper	280	23	--	--	--	23	23	--	3	2	--	3	9
Dade	607	--	--	--	--	--	3	--	--	51	--	23	30
Davies	455	--	--	--	--	--	42	--	--	19	--	--	42
De Kalb	43	--	--	--	--	--	2	--	--	1	--	--	2
Gentry	176	--	--	--	--	--	8	--	--	1	--	--	2
Greene	700	--	--	--	--	--	--	0	--	15	--	--	3
Grundy	424	--	--	--	--	--	91	--	--	3	--	--	39
Harrison	286	--	--	--	--	--	28	0	--	17	--	--	26
Henry	3	--	--	--	--	--	--	--	--	--	--	--	--
Holt	96	--	--	--	--	--	3	--	--	--	--	2	--
Jackson	0	--	--	--	--	--	--	--	--	--	--	--	--
Jasper	966	--	--	--	--	--	8	--	--	94	--	30	30
Johnson	104	--	--	--	--	--	--	--	--	--	--	--	--
Knox	370	--	--	--	--	--	59	3	--	21	--	--	4
Lafayette	163	--	--	--	--	--	5	--	--	--	--	--	5

(Table 5 continued on next page)

(Table 5 continued)

Forest Inventory Unit and county	Honey- locust	Black walnut	Sweet- gum	Yellow poplar	Tupelo	Sycamore	Hardwoods							Total
							Cotton- wood	Black cherry	Red oak group	White oak group	Black locust	Elm	Other hardwoods	
Northwestern Ozark Unit														
Benton	--	22	--	--	--	2	2	--	209	228	--	2	--	488
Camden	--	37	--	--	--	1	--	--	386	522	--	--	--	948
Cedar	--	27	--	--	--	11	6	--	116	108	--	--	--	336
Dallas	--	44	--	--	--	12	--	0	318	281	--	--	--	695
Hickory	--	123	--	--	--	24	--	--	284	251	--	--	--	707
Laclede	--	69	--	--	--	1	--	--	255	125	--	--	--	457
Maries	--	29	--	--	--	33	33	1	767	835	--	4	--	1,743
Miller	--	6	--	--	--	7	2	--	614	864	--	--	--	1,499
Morgan	--	3	--	--	--	2	2	--	194	434	--	--	--	640
Phelps	--	30	--	--	--	74	--	--	811	903	--	4	--	1,914
Polk	--	39	--	--	--	4	--	--	156	134	--	--	0	376
Pulaski	--	30	--	--	--	12	1	--	265	222	--	1	--	542
St. Clair	--	27	--	--	--	5	4	--	47	27	--	--	0	132
Total	--	485	--	--	--	187	50	1	4,422	4,934	--	11	0	10,477
Prairie Unit														
Adair	--	171	--	--	--	3	62	1	186	189	--	8	6	688
Andrew	--	0	--	--	--	--	16	--	2	1	--	--	0	19
Atchison	--	18	--	--	--	--	60	--	--	3	--	--	--	87
Audrain	--	28	--	--	--	17	18	0	127	354	--	6	--	600
Barton	--	119	--	--	--	8	3	--	66	24	--	--	0	252
Bates	4	29	--	--	--	1	--	2	36	32	--	4	0	147
Buchanan	--	128	--	--	--	12	7	--	17	17	--	--	6	224
Caldwell	5	9	--	--	--	41	25	--	50	51	--	3	--	235
Carroll	5	114	--	--	--	48	58	1	108	74	--	6	--	564
Cass	--	3	--	--	--	--	--	--	--	--	--	--	--	3
Chariton	5	15	--	--	--	74	92	0	295	137	3	13	--	821
Clark	3	113	--	--	--	10	94	2	304	211	--	21	1	873
Clinton	--	--	--	--	--	0	3	--	0	2	--	--	--	6
Cooper	--	125	--	--	--	25	18	1	35	10	--	2	--	257
Dade	--	116	--	--	--	17	3	--	201	164	--	--	--	607
Davies	--	--	--	--	--	25	184	--	64	66	--	15	--	455
De Kalb	--	0	--	--	--	2	26	--	4	4	--	1	0	43
Gentry	--	118	--	--	--	2	19	0	18	6	--	1	0	176
Greene	--	387	1	--	--	2	--	--	101	190	--	--	--	700
Grundy	--	0	--	--	--	12	156	--	55	58	--	9	--	424
Harrison	--	25	--	--	--	15	117	--	25	22	--	12	--	286
Henry	--	--	--	--	--	--	--	--	--	3	--	--	--	3
Holt	--	8	--	--	--	--	80	--	--	3	--	--	--	96
Jackson	--	--	--	--	--	--	--	0	--	--	--	--	--	0
Jasper	--	259	--	--	--	21	6	--	364	154	--	--	--	966
Johnson	--	104	--	--	--	--	--	--	--	--	--	--	--	104
Knox	--	47	--	--	--	3	28	1	94	98	--	8	4	370
Lafayette	5	43	--	--	--	35	--	0	36	35	--	--	--	163

(Table 5 continued on next page)

(Table 5 continued)

Forest Inventory Unit and county	All species	Softwoods					Hardwoods						
		Eastern redcedar	Shortleaf pine	White pine	Cypress	Total softwoods	Soft maple	Hard maple	River birch	Hickory	Pecan	Hack- berry	Ash
Prairie Unit continued													
Lawrence	1,032	--	--	--	--	--	--	--	--	55	--	59	78
Lewis	785	--	--	--	--	--	62	1	--	29	--	--	18
Lincoln	807	0	--	--	--	0	44	22	--	33	--	5	5
Linn	511	--	--	--	--	--	99	1	--	22	--	9	20
Livingston	762	--	--	--	--	--	108	--	--	15	--	9	48
Macon	992	1	--	--	--	1	24	1	3	25	--	3	9
Marion	231	--	--	--	--	--	18	3	2	8	--	2	5
Mercer	4	--	--	--	--	--	--	--	--	--	--	--	--
Monroe	768	--	--	--	--	--	33	2	4	36	--	4	2
Nodaway	75	--	--	--	--	--	--	--	--	--	--	--	--
Pettis	128	18	--	--	--	18	3	--	--	0	--	0	3
Pike	933	0	--	--	--	0	45	7	--	26	--	9	23
Platte	9	--	--	--	--	--	--	0	--	6	--	--	0
Putnam	297	0	--	--	--	0	31	1	--	7	--	0	2
Ralls	396	0	--	--	--	0	18	3	--	20	--	--	4
Randolph	1,687	--	--	--	--	--	49	1	17	53	2	17	18
Ray	291	--	--	--	--	--	16	0	--	13	--	--	16
Saline	425	6	--	--	--	6	31	--	--	14	--	--	26
Schuyler	632	1	--	--	--	1	50	1	--	9	--	--	3
Scotland	718	--	--	--	--	--	173	1	--	15	--	--	6
Shelby	774	0	--	--	--	0	27	3	4	25	--	4	10
Sullivan	243	--	--	--	--	--	26	1	--	14	--	--	1
Vernon	554	10	--	--	--	10	13	--	--	73	5	26	18
Worth	9	--	--	--	--	--	2	--	--	--	--	--	--
Total	22,266	70	--	--	--	70	1,520	58	47	882	15	231	649

(Table 5 continued on next page)

(Table 5 continued)

Forest Inventory Unit and county	Hardwoods													Total
	Honey- locust	Black walnut	Sweet- gum	Yellow poplar	Tupelo	Sycamore	Cotton- wood	Black cherry	Red oak group	White oak group	Black locust	Elm	Other hardwoods	
Prairie Unit continued														
Lawrence	--	261	5	--	--	34	--	0	315	224	--	--	--	1,032
Lewis	3	111	--	--	--	7	43	--	213	275	--	22	2	785
Lincoln	--	62	--	--	--	73	73	0	169	317	--	3	0	807
Linn	--	11	--	--	--	2	68	--	159	107	--	14	--	511
Livingston	--	91	--	--	--	12	222	0	168	70	--	18	--	762
Macon	--	22	--	--	--	15	51	0	329	494	4	11	--	991
Marion	--	24	--	--	--	9	9	0	65	76	2	8	--	231
Mercer	--	--	--	--	--	--	--	--	1	3	--	--	--	4
Monroe	--	11	--	--	--	32	46	0	359	225	4	11	--	768
Nodaway	--	--	--	--	--	--	73	--	2	--	--	--	--	75
Pettis	--	12	--	--	--	3	3	--	41	43	--	2	--	110
Pike	--	104	--	--	--	50	132	20	300	212	--	4	--	932
Platte	--	0	--	--	--	--	--	--	1	--	--	--	--	9
Putnam	--	18	--	--	--	2	9	--	83	138	--	6	--	297
Ralls	--	29	--	--	--	14	4	0	137	158	--	8	--	396
Randolph	--	32	--	--	--	61	61	0	658	693	5	20	--	1,687
Ray	5	43	--	--	--	46	47	--	51	49	--	5	--	291
Saline	6	53	--	--	--	64	58	0	87	72	--	8	--	419
Schuyler	--	351	--	--	--	1	23	3	53	130	--	7	--	632
Scotland	3	167	--	--	--	2	35	4	194	108	--	10	--	718
Shelby	--	18	--	--	--	25	23	0	292	326	5	13	--	774
Sullivan	--	12	--	--	--	2	13	--	59	110	--	5	--	243
Vernon	3	105	--	--	--	15	22	--	93	170	--	2	--	544
Worth	--	--	--	--	--	--	6	--	0	1	--	--	--	9
Total	44	3,516	6	--	--	842	2,093	36	6,019	5,907	21	290	20	22,196

(Table 5 continued on next page)

(Table 5 continued)

Forest Inventory Unit and county	Softwoods					Hardwoods							
	All species	Eastern redcedar	Shortleaf pine	White pine	Cypress	Total softwoods	Soft maple	Hard maple	River birch	Hickory	Pecan	Hack- berry	Ash
Riverborder Unit													
Boone	689	4	--	--	--	4	25	0	2	26	5	2	8
Callaway	612	118	--	--	--	118	3	0	--	1	5	--	1
Cape Girardeau	1,990	2	5	--	--	7	49	78	--	207	--	3	66
Cole	608	56	--	--	--	56	18	4	--	12	--	2	3
Dunklin	173	--	--	--	--	--	14	--	--	3	--	--	29
Franklin	1,250	30	5	--	--	35	17	9	--	67	--	--	9
Gasconade	1,505	151	4	--	--	156	18	7	--	36	--	1	3
Howard	598	--	--	--	--	--	60	--	8	17	5	3	15
Jefferson	487	156	3	--	--	159	0	7	--	12	--	--	7
Mississippi	103	--	--	--	--	--	35	--	--	--	--	1	26
Moniteau	897	651	--	--	--	651	11	--	--	1	--	0	0
Montgomery	535	198	--	--	--	198	--	--	--	--	--	5	--
New Madrid	46	--	--	--	4	4	4	--	--	--	--	0	7
Osage	827	110	--	--	--	110	19	1	--	10	--	2	4
Pemiscot	17	--	--	--	4	4	0	--	--	--	--	--	--
Perry	2,702	5	2	--	--	6	11	64	--	251	--	1	96
Scott	234	--	--	--	--	--	4	4	--	19	--	--	18
St. Charles	330	0	--	0	--	0	3	49	--	0	--	5	2
St. Louis	116	3	--	--	--	3	6	2	--	1	--	--	1
Ste. Genevieve	1,594	67	38	--	--	105	--	39	--	87	--	--	26
Stoddard	924	--	4	--	--	4	4	35	--	130	--	--	27
Warren	677	--	--	--	--	--	1	49	--	20	--	--	1
Total	16,915	1,551	61	0	7	1,619	302	348	10	897	16	24	351
State total	125,033	3,723	4,940	0	21	8,684	2,055	670	57	6,604	31	321	1,601

(Table 5 continued on next page)

(Table 5 continued)

Forest Inventory Unit and county	Honey-locust	Black walnut	Sweet-gum	Yellow poplar	Tupelo	Hardwoods							Total	
						Sycamore	Cottonwood	Black cherry	Red oak group	White oak group	Black locust	Elm		Other hardwoods
Riverborder Unit														
Boone	--	24	--	--	--	30	64	0	228	264	2	4	--	685
Callaway	--	18	--	--	--	28	61	--	71	303	--	3	--	493
Cape Girardeau	--	73	15	120	7	48	13	4	740	553	--	8	--	1,982
Cole	--	35	--	--	--	20	35	1	194	227	--	--	--	552
Dunklin	--	--	29	--	--	15	4	--	53	13	--	13	--	173
Franklin	--	7	2	--	--	30	28	0	454	583	--	9	--	1,215
Gasconade	--	9	0	--	--	62	88	0	377	742	--	7	--	1,349
Howard	--	131	--	--	--	55	45	1	160	96	2	2	--	598
Jefferson	--	5	--	0	--	4	0	1	179	113	--	--	--	328
Mississippi	--	--	10	--	--	17	9	--	4	0	--	2	--	103
Moniteau	--	7	--	--	--	48	--	0	115	64	--	--	--	246
Montgomery	--	--	--	--	--	--	18	--	47	269	--	--	--	337
New Madrid	--	--	11	--	--	8	9	--	--	--	--	3	--	43
Osage	--	27	--	--	--	24	19	1	209	403	--	--	--	718
Pemiscot	--	--	3	--	--	3	6	--	--	--	--	0	--	13
Perry	--	94	0	51	23	29	11	12	1,063	985	--	4	0	2,696
Scott	--	1	4	17	--	--	4	2	93	66	--	1	--	234
St. Charles	--	29	1	--	--	7	46	--	103	86	--	1	--	330
St. Louis	--	13	--	--	--	3	--	0	43	44	--	--	--	114
Ste. Genevieve	--	8	--	1	--	41	24	3	679	580	--	--	--	1,489
Stoddard	--	16	34	8	--	4	10	5	389	254	--	5	--	921
Warren	--	28	1	--	--	39	63	0	110	365	--	1	--	677
Total	--	523	112	197	30	516	556	29	5,310	6,008	4	63	0	15,296
State total	44	6,138	356	236	94	2,047	2,830	144	57,963	34,571	26	540	21	116,349

0 = Less than 500 cubic feet.

Table may not sum due to rounding.

Table 6. -- Industrial roundwood production by Forest Inventory Unit, species group, and State of destination, Missouri, 2006

(In thousands cubic feet)

Species group		All Units												
		State of destination												
	Total	Arkansas	Illinois	Indiana	Iowa	Kansas	Kentucky	Missouri	Nebraska	Oklahoma	Wisconsin	Other U.S.	Other foreign	
Softwoods														
Eastern redcedar	3,723	--	--	--	--	--	37	3,684	--	--	--	--	2	
Shortleaf pine	4,940	70	--	--	--	--	2	4,802	--	--	--	66	--	
White pine	0	--	--	--	--	--	--	0	--	--	--	--	--	
Cypress	21	--	--	--	--	--	--	21	--	--	--	--	--	
Total	8,684	70	--	--	--	--	39	8,507	--	--	--	66	2	
Hardwoods														
Soft maple	2,055	3	2	134	264	11	83	1,551	6	--	--	--	--	
Hard maple	670	1	1	3	1	--	80	573	--	--	1	--	9	
River birch	57	--	--	--	--	--	--	57	--	--	--	--	--	
Hickory	6,604	37	14	0	10	--	355	6,083	--	--	44	--	61	
Pecan	31	--	--	--	--	--	--	25	--	--	--	--	6	
Hackberry	321	--	0	--	--	7	6	304	5	--	--	--	--	
Persimmon	1	--	--	--	--	--	1	--	--	--	--	--	--	
Ash	1,601	24	118	5	14	5	93	1,337	--	4	4	--	--	
Honeylocust	44	--	--	--	--	--	--	44	--	--	--	--	--	
Black walnut	6,138	--	109	74	950	11	8	3,335	15	7	3	--	1,625	
Sweetgum	356	41	--	--	--	--	50	265	--	--	--	--	--	
Yellow-poplar	236	17	--	2	--	--	59	158	--	--	--	--	--	
Osage-orange	0	--	--	--	--	--	--	0	--	--	--	--	--	
Tupelo	94	3	--	--	--	--	--	92	--	--	--	--	--	
Sycamore	2,047	--	2	--	--	--	38	2,001	--	5	--	--	--	
Cottonwood	2,830	20	0	--	43	--	--	2,764	4	--	--	--	--	
Black cherry	144	--	2	7	10	--	4	119	--	--	--	--	1	
Red oak group	57,963	259	112	194	257	--	748	56,319	--	46	7	--	20	
White oak group	34,571	195	111	60	266	--	824	32,813	6	15	--	--	281	
Black locust	26	--	--	--	--	--	--	26	--	--	--	--	--	
Basswood	19	--	--	--	13	--	--	6	--	--	--	--	--	
Elm	540	--	2	--	5	--	63	468	--	--	--	--	2	
Other hardwoods	0	--	--	--	--	--	--	0	--	--	--	--	--	
Total	116,349	599	475	479	1,832	34	2,411	108,341	35	78	60	--	2,005	
State total	125,033	669	475	479	1,832	34	2,451	116,848	35	78	60	66	2,007	

(Table 6 continued on next page)

(Table 6 continued)

Eastern Ozarks Unit											
Species group	Total	State of destination									
		Arkansas	Illinois	Indiana	Iowa	Kansas	Kentucky	Missouri	Nebraska	Oklahoma	Wisconsin
Softwoods											
Eastern redcedar	261	--	--	--	--	--	--	261	--	--	--
Shortleaf pine	3,221	70	--	--	--	--	2	3,098	--	--	--
Cypress	14	--	--	--	--	--	--	14	--	--	--
Total	3,496	70	--	--	--	--	2	3,373	--	--	51
Hardwoods											
Soft maple	172	--	0	--	--	--	25	147	--	--	--
Hard maple	237	--	--	2	--	--	45	189	--	--	0
Hickory	3,777	23	7	--	--	--	229	3,506	--	--	12
Hackberry	2	--	--	--	--	--	2	0	--	--	--
Persimmon	0	--	--	--	--	--	0	--	--	--	--
Ash	394	10	113	--	--	--	29	242	--	--	--
Black walnut	160	--	--	--	--	--	5	115	--	--	40
Sweetgum	217	23	--	--	--	--	32	163	--	--	--
Yellow-poplar	36	14	--	0	--	--	9	12	--	--	--
Tupelo	25	--	--	--	--	--	--	25	--	--	--
Sycamore	307	--	1	--	--	--	8	297	--	--	--
Cottonwood	110	15	--	--	--	--	--	94	--	--	--
Black cherry	28	--	--	4	--	--	3	20	--	--	0
Red oak group	32,102	51	94	146	--	--	547	31,262	--	--	1
White oak group	13,636	30	7	--	--	--	617	12,937	--	--	44
Elm	168	--	1	--	--	--	34	133	--	--	--
Total	51,370	167	224	153	--	--	1,585	49,144	--	--	97
Unit total	54,866	237	224	153	--	--	1,587	52,517	--	--	97

(Table 6 continued on next page)

(Table 6 continued)

Southwestern Ozark Unit												
Species group	Total	State of destination										
		Arkansas	Illinois	Indiana	Iowa	Kansas	Kentucky	Missouri	Nebraska	Oklahoma	Wisconsin	Other U.S. foreign
Softwoods												
Eastern redcedar	1,341	--	--	--	--	--	--	1,340	--	--	--	2
Shortleaf pine	1,537	--	--	--	--	--	--	1,522	--	--	--	--
Total	2,878	--	--	--	--	--	--	2,861	--	--	--	2
Hardwoods												
Soft maple	16	3	--	--	--	5	--	8	--	--	--	--
Hard maple	26	1	--	--	--	--	--	24	--	--	0	--
Hickory	766	14	--	--	--	--	--	737	--	--	15	--
Hackberry	60	--	--	--	--	3	--	57	--	--	--	--
Persimmon	0	--	--	--	--	--	0	--	--	--	--	--
Ash	152	14	--	2	--	2	--	129	--	4	1	--
Black walnut	1,454	--	--	6	12	6	--	744	--	7	1	--
Sweetgum	21	18	--	--	--	--	--	3	--	--	--	678
Yellow-poplar	3	3	--	--	--	--	--	--	--	--	--	--
Tupelo	40	3	--	--	--	--	--	38	--	--	--	--
Sycamore	196	--	--	--	--	--	--	190	--	5	--	--
Cottonwood	21	4	--	--	--	--	--	17	--	--	--	--
Black cherry	50	--	--	1	--	--	--	49	--	--	--	0
Red oak group	10,110	208	--	43	--	--	--	9,811	--	46	2	0
White oak group	4,086	165	--	--	--	--	--	3,905	--	15	--	0
Elm	9	--	--	--	--	--	--	9	--	--	--	--
Total	17,009	431	--	51	12	17	0	15,722	--	78	20	678
Unit total	19,887	431	--	51	12	17	0	18,583	--	78	20	680

(Table 6 continued on next page)

(Table 6 continued)

Northwestern Ozark Unit											
Species group	Total	State of destination									
		Arkansas	Illinois	Indiana	Iowa	Kansas	Kentucky	Missouri	Nebraska	Oklahoma	Wisconsin
Softwoods											
Eastern redcedar	499	--	--	--	--	--	--	499	--	--	--
Shortleaf pine	122	--	--	--	--	--	--	122	--	--	--
Total	621	--	--	--	--	--	--	621	--	--	--
Hardwoods											
Soft maple	44	--	--	--	--	--	--	44	--	--	--
Hard maple	1	--	--	--	--	--	--	1	--	--	--
Hickory	282	--	--	--	--	--	--	282	--	--	--
Hackberry	4	--	--	--	--	--	--	4	--	--	--
Persimmon	0	--	--	--	--	--	0	--	--	--	--
Ash	56	--	--	--	--	--	--	56	--	--	--
Black walnut	485	--	--	6	14	--	--	372	--	--	92
Sycamore	187	--	--	--	--	--	--	187	--	--	--
Cottonwood	50	--	--	--	--	--	--	50	--	--	--
Black cherry	1	--	--	--	--	--	--	1	--	--	--
Red oak group	4,422	--	--	--	--	--	--	4,422	--	--	--
White oak group	4,934	--	--	0	--	--	--	4,934	--	--	--
Elm	11	--	--	--	--	--	--	11	--	--	--
Total	10,477	--	--	7	14	--	0	10,364	--	--	92
Unit total	11,098	--	--	7	14	--	0	10,985	--	--	92

(Table 6 continued on next page)

(Table 6 continued)

Species group	Total	State of destination											Other U.S.	Other foreign
		Arkansas	Illinois	Indiana	Iowa	Kansas	Kentucky	Missouri	Nebraska	Oklahoma	Wisconsin			
Softwoods														
Eastern redcedar	70	--	--	--	--	--	--	70	--	--	--	--	--	--
Total	70	--	--	--	--	--	--	70	--	--	--	--	--	--
Hardwoods														
Soft maple	1,520	--	--	125	264	6	--	1,120	6	--	--	--	--	--
Hard maple	58	--	0	1	1	--	--	54	--	--	1	--	1	--
River birch	47	--	--	--	--	--	--	47	--	--	--	--	--	--
Hickory	882	--	--	0	10	--	--	843	--	--	29	--	--	--
Pecan	15	--	--	--	--	--	--	9	--	--	--	--	6	--
Hackberry	231	--	--	--	--	4	--	223	5	--	--	--	--	--
Persimmon	0	--	--	--	--	--	0	--	--	--	--	--	--	--
Ash	649	--	0	1	14	2	--	629	--	--	3	--	--	--
Honeylocust	44	--	--	--	--	--	--	44	--	--	--	--	--	--
Black walnut	3,516	--	1	62	923	5	--	1,739	15	--	2	--	767	--
Sweetgum	6	--	--	--	--	--	--	6	--	--	--	--	--	--
Osage-orange	0	--	--	--	--	--	--	0	--	--	--	--	--	--
Sycamore	842	--	--	--	--	--	--	842	--	--	--	--	--	--
Cottonwood	2,093	--	--	--	43	--	--	2,047	4	--	--	--	--	--
Black cherry	36	--	0	0	10	--	--	25	--	--	--	--	1	--
Red oak group	6,019	--	1	5	257	--	--	5,747	--	--	5	--	4	--
White oak group	5,907	--	0	37	266	--	--	5,583	6	--	--	--	16	--
Black locust	21	--	--	--	--	--	--	21	--	--	--	--	--	--
Basswood	19	--	--	--	13	--	--	6	--	--	--	--	--	--
Elm	290	--	--	--	5	--	--	285	--	--	--	--	--	--
Other hardwoods	0	--	--	--	--	--	--	0	--	--	--	--	--	--
Total	22,196	--	3	231	1,805	17	0	19,269	35	--	40	--	795	--
Unit total	22,266	--	3	231	1,805	17	0	19,339	35	--	40	--	795	--

(Table 6 continued on next page)

(Table 6 continued)

Riverborder Unit													
State of destination													
Species group	Total	Arkansas	Illinois	Indiana	Iowa	Kansas	Kentucky	Missouri	Nebraska	Oklahoma	Wisconsin	Other U.S.	Other foreign
Softwoods													
Eastern redcedar	1,551	--	--	--	--	--	37	1,514	--	--	--	--	--
Shortleaf pine	61	--	--	--	--	--	0	61	--	--	--	--	--
White pine	0	--	--	--	--	--	--	0	--	--	--	--	--
Cypress	7	--	--	--	--	--	--	7	--	--	--	--	--
Total	1,619	--	--	--	--	--	37	1,582	--	--	--	--	--
Hardwoods													
Soft maple	302	--	2	10	--	--	58	233	--	--	--	--	--
Hard maple	348	--	1	0	--	--	35	305	--	--	--	--	7
River birch	10	--	--	--	--	--	--	10	--	--	--	--	--
Hickory	897	--	7	--	--	--	126	715	--	--	--	--	49
Pecan	16	--	--	--	--	--	--	16	--	--	--	--	--
Hackberry	24	--	0	--	--	--	4	19	--	--	--	--	--
Persimmon	0	--	--	--	--	--	0	--	--	--	--	--	--
Ash	351	--	4	2	--	--	64	281	--	--	--	--	--
Black walnut	523	--	108	--	--	--	3	363	--	--	--	--	48
Sweetgum	112	--	--	--	--	--	18	93	--	--	--	--	--
Yellow-poplar	197	--	--	2	--	--	50	145	--	--	--	--	--
Tupelo	30	--	--	--	--	--	--	30	--	--	--	--	--
Sycamore	516	--	1	--	--	--	30	485	--	--	--	--	--
Cottonwood	556	--	0	--	--	--	--	556	--	--	--	--	--
Black cherry	29	--	2	2	--	--	1	24	--	--	--	--	0
Red oak group	5,310	--	17	0	--	--	201	5,077	--	--	--	--	15
White oak group	6,008	--	103	23	--	--	207	5,454	--	--	--	--	221
Black locust	4	--	--	--	--	--	--	4	--	--	--	--	--
Elm	63	--	1	--	--	--	28	31	--	--	--	--	2
Total	15,296	--	248	38	--	--	826	13,842	--	--	--	--	343
Unit total	16,915	--	248	38	--	--	863	15,424	--	--	--	--	343

0 = Less than 500 cubic feet.

Table may not sum due to rounding.

Table 7. -- Saw log receipts and production by Forest Inventory Unit and species group, Missouri, 2003 and 2006

(In thousand board feet)¹

All Units					
Species group	Receipts		Production		Percent change
	2003	2006	2003	2006	
Softwoods					
Eastern redcedar	7,552	9,203	5,846	9,002	54%
Shortleaf pine	18,039	18,358	17,925	18,924	6%
White pine		0	--	0	--
Cypress	152	122	104	121	16%
Total	25,743	27,683	23,875	28,047	17%
Hardwoods					
Soft maple	15,939	13,233	13,073	11,800	-10%
Hard maple	3,006	3,168	2,470	2,916	18%
River birch	223	297	224	297	33%
Hickory	25,773	38,086	25,024	35,596	42%
Pecan	149	149	9	186	1967%
Hackberry	2,124	1,869	2,016	1,950	-3%
Persimmon	--	--	--	6	--
Ash	6,627	9,136	5,901	8,231	39%
Honeylocust	138	269	138	269	95%
Black walnut	18,735	18,449	19,280	25,691	33%
Sweetgum	1,502	2,003	1,355	1,949	44%
Yellow-poplar	2,836	2,526	1,158	1,250	8%
Osage-orange	--	2	--	2	--
Tupelo	1,369	570	1,250	574	-54%
Sycamore	17,949	12,965	16,606	11,109	-33%
Cottonwood	30,600	22,150	26,699	19,750	-26%
Black cherry	937	1,503	931	830	-11%
Red oak group	359,595	327,928	341,710	312,328	-9%
White oak group	151,471	163,529	144,982	152,455	5%
Black locust	--	155	--	155	--
Sassafras	12	--	12	--	--
Basswood	429	75	388	117	-70%
Elm	1,731	3,017	1,696	2,864	69%
Other hardwoods	7	2	7	2	-71%
Total	641,002	621,081	604,928	590,326	-2%
State total	666,745	648,764	628,803	618,374	-2%

(Table 7 continued on next page)

(Table 7 continued)

Eastern Ozark Unit				
Species group	Receipts		Production	
	2003	2006	2003	2006
Percent change				
Softwoods				
Eastern redcedar	1,171	1,097	661	-22%
Shortleaf pine	14,396	14,666	15,515	6%
Cypress	100	80	80	-20%
Total	15,667	15,842	16,256	4%
Hardwoods				
Soft maple	898	1,468	910	28%
Hard maple	1,017	1,114	890	-21%
River birch	2	--	--	--
Hickory	13,847	23,130	20,735	78%
Hackberry	176	3	12	-91%
Persimmon	--	--	2	--
Ash	838	1,911	1,559	91%
Black walnut	629	475	698	205%
Sweetgum	1,215	1,286	1,166	34%
Yellow-poplar	257	331	199	-47%
Tupelo	1,034	330	150	-81%
Sycamore	4,858	2,020	1,527	-53%
Cottonwood	231	1,045	776	256%
Black cherry	140	109	140	-49%
Red oak group	183,063	176,747	172,548	-0%
White oak group	68,151	70,738	63,321	3%
Sassafras	12	--	--	--
Elm	312	1,143	827	158%
Total	276,679	281,849	265,460	4%
Unit total	292,347	297,691	281,716	4%

(Table 7 continued on next page)

(Table 7 continued)

Species group	Southwestern Ozark Unit			
	Receipts		Production	
	2003	2006	2003	2006
				Percent change
Softwoods				
Eastern redcedar	4,810	5,101	3,147	4,946
Shortleaf pine	2,344	2,530	1,816	2,709
Cypress	52	--	--	--
Total	7,206	7,631	4,963	7,655
				54%
Hardwoods				
Soft maple	65	48	170	97
Hard maple	35	25	73	154
Hickory	2,096	3,569	2,820	4,483
Hackberry	100	132	148	367
Persimmon	--	--	--	1
Ash	551	223	616	895
Black walnut	785	6,516	1,380	6,414
Sweetgum	70	--	16	127
Yellow-poplar	--	--	16	16
Tupelo	267	240	298	244
Sycamore	1,520	2,042	2,074	1,187
Cottonwood	38	--	38	150
Black cherry	194	1,000	76	300
Red oak group	68,460	63,385	62,216	55,860
White oak group	31,247	25,265	26,720	21,770
Elm	65	12	13	57
				338%
Total	105,492	102,458	96,671	92,120
Unit total	112,697	110,089	101,634	99,775
				-5%
				-2%

(Table 7 continued on next page)

(Table 7 continued)

Species group	Northwestern Ozark Unit			
	Receipts		Production	
	2003	2006	2003	2006
				Percent change
Softwoods				
Eastern redcedar	573	1,205	721	1,208
Shortleaf pine	480	--	460	362
Total	1,053	1,205	1,181	1,570
				33%
Hardwoods				
Soft maple	489	158	1,319	251
Hard maple	278	25	293	6
Hickory	1,658	2,158	1,862	1,659
Hackberry	11	9	15	23
Persimmon	--	--	--	1
Ash	223	418	777	324
Black walnut	592	1,219	1,193	2,139
Sweetgum	5	1,160	5	--
Tupelo	68	--	68	--
Sycamore	1,772	--	2,168	1,120
Cottonwood	40	138	437	336
Black cherry	47	3	129	7
Red oak group	19,608	18,127	30,925	24,761
White oak group	11,287	18,427	17,717	22,150
Elm	61	40	101	52
Other hardwoods	7	--	3	--
Total	36,147	41,882	57,012	52,829
Unit total	37,201	43,087	58,193	54,399
				-7%

(Table 7 continued on next page)

(Table 7 continued)

Species group	Prairie Unit			
	Receipts		Production	
	2003	2006	2003	2006
				Percent change
Softwoods				
Eastern redcedar	163	116	130	106
Shortleaf pine	--	--	100	--
Cypress	--	1	--	--
Total	163	116	230	106
				-54%
Hardwoods				
Soft maple	12,289	10,414	9,004	9,125
Hard maple	562	1,035	387	336
River birch	221	297	203	263
Hickory	6,150	5,788	5,764	5,173
Pecan	--	149	--	89
Hackberry	1,835	1,683	1,663	1,403
Persimmon	--	--	--	2
Ash	3,838	4,339	2,797	3,850
Honeylocust	138	269	138	269
Black walnut	11,441	6,403	14,212	14,327
Sweetgum	--	55	--	36
Osage-orange	--	2	--	2
Tupelo	--	--	1	--
Sycamore	8,063	6,171	7,331	4,990
Cottonwood	25,295	18,808	21,797	14,672
Black cherry	203	134	299	216
Red oak group	52,813	39,355	47,886	33,756
White oak group	25,951	31,232	24,186	25,109
Black locust	--	155	--	130
Basswood	429	75	388	117
Elm	1,205	1,821	1,167	1,715
Other hardwoods	--	2	3	2
Total	150,433	128,187	137,226	115,582
				-16%
Unit total	150,596	128,303	137,456	115,688
				-16%

(Table 7 continued on next page)

(Table 7 continued)

Species group	Riverborder Unit			
	Receipts		Production	
	2003	2006	2003	2006
Percent change				
Softwoods				
Eastern redcedar	835	1,685	996	2,080
Shortleaf pine	819	1,162	847	339
White pine	--	0	--	0
Cypress	--	41	4	41
Total	1,654	2,889	1,847	2,461
Percent change				
Total				
Eastern redcedar				
Shortleaf pine				
White pine				
Cypress				
Total				
Hardwoods				
Soft maple	2,198	1,145	1,867	1,417
Hard maple	1,114	970	593	1,531
River birch	--	--	20	33
Hickory	2,022	3,442	2,900	3,545
Pecan	--	--	9	97
Hackberry	1	43	62	146
Persimmon	--	--	--	1
Ash	1,177	2,244	896	1,602
Black walnut	5,289	3,835	2,266	2,114
Sweetgum	213	662	468	621
Yellow-poplar	2,578	2,196	763	1,035
Tupelo			105	180
Sycamore	1,734	1,572	1,816	2,284
Cottonwood	4,996	2,159	4,209	3,815
Black cherry	353	257	153	167
Red oak group	35,652	30,314	27,894	25,403
White oak group	14,836	17,866	14,723	20,105
Black locust	--	--	--	25
Sassafras	--	--	3	--
Elm	88	1	94	214
Total	72,251	66,705	58,841	64,335
Unit total	73,904	69,594	60,688	66,796
Percent change				
Total				
Softwoods				
Hardwoods				
Total				
Unit total				

0 = Less than 500 board feet.

¹ International 1/4-inch rule.

Table may not sum due to rounding.

Table 8. -- Wood material harvested for industrial roundwood by species group and source of material, Missouri, 2006¹

(In thousand cubic feet)

Species group	Source of material												Total wood material used	Total wood material not used	Total wood material harvested	
	Growing stock						Non-growing stock									
	Used for products			Logging residue (not used)			Used for products			Logging slash (not used)						
	Sawtimber	Pole-timber	Total growing stock	Sawtimber	Pole-timber	Total growing stock	Saplings	Cull trees	Dead trees	Nonforest trees	Slash (not used)	Total non-growing stock				
Softwoods																
Eastern redcedar	1,790.9	1,379.5	376.7	3,547.1			127.0	9.0	410.9	5.4	--	1,728.3	2,280.6	3,722.7	2,104.9	5,827.7
Shortleaf pine	3,848.7	769.0	446.1	5,063.9			60.9	192.7	29.5	39.1	--	2,008.1	2,330.4	4,940.0	2,454.2	7,394.3
White pine	0	0	0	0			0	--	0	--	--	0	0	0	0	0
Cypress	20.3	0.2	2.6	23.1			0.4	--	0.2	--	--	11.8	12.4	21.0	14.5	35.5
Total	5,660.0	2,148.7	825.4	8,634.1			188.3	201.7	440.6	44.5	--	3,748.2	4,623.4	8,683.8	4,573.6	13,257.4
Hardwoods																
Soft maple	1,539.4	48.1	611.8	2,199.3			36.6	0.7	144.9	0.8	284.4	1,674.9	2,142.2	2,054.8	2,286.7	4,341.6
Hard maple	517.7	21.0	163.6	702.4			16.8	0	43.6	0.4	70.3	424.8	556.0	669.9	588.4	1,258.3
River birch	40.4	3.3	15.5	59.1			1.7	0.2	4.1	0.1	7.2	42.5	55.7	56.9	57.9	114.8
Hickory	4,987.2	148.6	1,891.4	7,027.1			122.0	0.2	482.2	2.3	861.2	5,080.2	6,548.2	6,603.7	6,971.6	13,575.3
Pecan	23.3	0.5	9.6	33.4			0.3	--	2.1	--	4.5	26.3	33.2	30.7	35.9	66.6
Hackberry	243.8	5.5	100.4	349.7			3.3	--	21.6	--	47.0	275.6	347.5	321.2	376.0	697.2
Persimmon	0.7	0	0.3	1.0			0	--	0.1	--	0.1	0.8	1.0	0.9	1.1	2.0
Ash	1,201.9	52.9	514.5	1,769.3			29.5	0.2	117.5	0.6	198.5	1,180.3	1,526.6	1,601.0	1,694.8	3,295.9
Honeylocust	33.6	0.8	13.8	48.2			0.5	--	3.0	--	6.5	38.0	47.9	44.3	51.8	96.1
Black walnut	2,560.6	1.3	381.5	2,943.5			1.6	0.1	2,616.6	0.1	957.2	1,298.1	4,873.6	6,137.5	1,679.6	7,817.1
Sweetgum	265.2	6.8	101.7	373.7			9.3	--	27.2	0.2	47.0	277.9	361.6	355.7	379.6	735.3
Yellow-poplar	175.7	4.6	65.6	245.9			6.9	--	18.4	0.2	30.1	178.7	234.3	235.9	244.2	480.2
Osage-orange	--	--	--	--			0	--	0.3	--	0	1.2	1.6	0.3	1.2	1.6
Tupelo	71.7	1.6	29.5	102.8			1.0	--	6.4	--	13.8	81.0	102.2	94.5	110.6	205.1
Sycamore	1,565.6	52.6	588.4	2,206.6			28.6	0.3	131.7	0.4	267.7	1,584.1	2,013.0	2,047.0	2,172.5	4,219.5
Cottonwood	2,558.0	12.3	451.6	3,021.9			213.3	0.7	45.5	0.3	--	1,503.5	1,763.3	2,830.2	1,955.1	4,785.3
Black cherry	111.0	2.3	43.3	156.6			1.4	0	9.2	0	20.0	117.8	148.5	143.9	161.2	305.1
Red oak group	47,092.5	1,509.0	11,754.5	60,356.0			933.8	2.7	7,287.4	1,100.3	37.6	29,167.1	38,528.9	57,963.3	40,921.6	98,884.9
White oak group	28,766.3	741.7	7,110.2	36,618.2			540.4	0.3	3,980.4	539.2	3.1	14,597.9	19,661.3	34,571.4	21,708.1	56,279.5
Black locust	19.4	0.4	8.0	27.8			0.3	--	1.7	--	3.7	21.9	27.7	25.6	29.9	55.5
Basswood	14.7	0.3	6.0	21.0			0.2	--	1.3	--	2.8	16.6	20.9	19.3	22.6	41.9
Elm	403.7	11.2	150.7	565.5			14.9	--	41.2	0.4	69.0	409.5	534.9	540.3	560.1	1,100.4
Other hardwoods	0.2	0	0.1	0.4			0	--	0	--	0	0.3	0.3	0.3	0.4	0.7
Total	92,192.5	2,624.8	24,012.2	118,829.5			1,962.3	5.5	14,986.4	1,645.3	2,931.8	57,999.0	79,530.4	116,348.7	82,011.2	198,359.8
State total	97,852.5	4,773.5	24,837.5	127,463.6			2,150.7	207.2	15,427.0	1,689.8	2,931.8	61,747.2	84,153.7	125,032.5	86,584.8	211,617.3

0 = Less than 50 cubic feet.

¹ Based on factors obtained from the Missouri Logging Utilization Study, 1987, and other regional utilization studies.

Table may not sum due to rounding.

Table 9. -- Growing-stock removals from timberland for industrial roundwood by Forest Inventory Unit, county, and species group, Missouri, 2006

(In thousand cubic feet)

Forest Inventory Unit and county	All species	Softwoods					Hardwoods								
		Eastern redcedar	Shortleaf pine	White pine	Cypress	Total softwoods	Soft maple	Hard maple	River birch	Hickory	Pecan	Hackberry	Ash	Honey-locust	
Eastern Ozark Unit															
Bollinger	3,604	--	13	--	1	14	28	96	--	318	--	0	237	--	
Butler	2,038	0	138	--	14	153	14	3	--	197	--	1	10	--	
Carter	5,197	18	477	--	--	495	27	18	--	423	--	--	39	--	
Crawford	2,494	105	35	--	--	140	10	12	--	86	--	--	9	--	
Dent	2,817	0	151	--	--	152	--	0	--	73	--	--	7	--	
Iron	4,218	17	160	--	--	177	2	4	--	138	--	--	5	--	
Madison	4,255	17	238	--	--	255	0	27	--	326	--	0	13	--	
Oregon	5,765	14	92	--	--	107	--	22	--	684	--	--	73	--	
Reynolds	6,150	8	421	--	--	429	14	--	--	331	--	--	4	--	
Ripley	4,563	17	363	--	--	380	43	1	--	534	--	--	43	--	
Shannon	6,668	1	759	--	--	760	--	--	--	417	--	--	--	--	
St. Francois	1,638	9	23	--	--	32	--	5	--	97	--	--	11	--	
Washington	2,828	40	227	--	--	267	10	11	--	44	--	--	7	--	
Wayne	4,867	0	272	--	--	272	32	43	--	334	--	0	23	--	
Total	57,103	247	3,371	--	15	3,633	179	243	--	4,001	--	2	480	--	
Southwestern Ozark Unit															
Barry	1,398	34	--	--	--	34	1	1	--	53	--	33	60	--	
Christian	207	17	--	--	--	17	--	--	--	11	--	--	1	--	
Douglas	2,600	25	19	--	--	44	9	4	--	108	--	--	13	--	
Howell	3,799	--	110	--	--	110	--	22	--	353	--	--	49	--	
McDonald	2,058	--	--	--	--	--	5	1	--	62	--	24	24	--	
Newton	679	--	--	--	--	--	3	--	--	15	--	3	2	--	
Ozark	1,757	754	13	--	--	768	--	--	--	44	--	--	1	--	
Stone	107	26	--	--	--	26	--	1	--	21	--	5	9	--	
Taney	317	309	--	--	--	309	--	--	--	0	--	--	--	--	
Texas	5,283	0	1,346	--	--	1,346	--	--	--	145	--	--	--	--	
Webster	344	16	--	--	--	16	--	--	--	3	--	--	--	--	
Wright	1,172	--	24	--	--	24	--	--	--	12	--	--	7	--	
Total	19,723	1,181	1,512	--	--	2,693	17	28	--	828	--	66	166	--	

(Table 9 continued on next page)

(Table 9 continued)

Forest Inventory Unit and county	Hardwoods														Total
	Black walnut	Sweetgum	Yellow poplar	Tupelo	Sycamore	Cotton- wood	Black cherry	Red oak group	White oak group	Black locust	Bass- wood	Elm	Other hardwoods		
Eastern Ozark Unit															
Bollinger	5	6	22	8	92	12	10	1,453	1,291	--	--	12	0	3,590	
Butler	1	69	--	1	24	24	1	1,103	431	--	--	5	0	1,885	
Carter	9	4	--	--	28	--	--	3,019	1,132	--	--	4	--	4,702	
Crawford	2	3	--	--	33	--	--	928	1,260	--	--	12	0	2,354	
Dent	--	--	--	--	16	--	--	1,657	906	--	--	6	--	2,665	
Iron	1	--	--	1	2	--	--	3,135	754	--	--	--	--	4,041	
Madison	13	4	0	13	25	2	14	2,411	1,140	--	--	10	--	4,000	
Oregon	19	37	--	--	25	18	3	3,537	1,185	--	--	57	--	5,659	
Reynolds	15	4	--	--	--	10	--	4,264	1,074	--	--	5	--	5,721	
Ripley	1	86	16	--	10	28	--	2,376	1,011	--	--	34	--	4,183	
Shannon	--	1	--	--	--	--	--	4,319	1,172	--	--	--	--	5,909	
St. Francois	6	--	--	--	12	2	0	819	653	--	--	2	--	1,606	
Washington	1	0	--	--	18	0	0	1,470	992	--	--	8	--	2,561	
Wayne	4	12	0	4	47	23	2	2,792	1,262	--	--	16	--	4,595	
Total	76	227	38	27	332	117	30	33,285	14,262	--	--	170	0	53,470	
Southwestern Ozark Unit															
Barry	76	20	1	1	19	5	0	735	360	--	--	--	--	1,364	
Christian	30	--	--	--	--	--	--	93	54	--	--	0	--	190	
Douglas	72	--	--	9	43	--	18	1,616	662	--	--	2	0	2,557	
Howell	48	--	--	--	71	18	18	2,260	842	--	--	8	--	3,689	
McDonald	87	3	2	31	39	--	--	1,284	496	--	--	--	--	2,058	
Newton	96	--	--	2	3	--	--	470	84	--	--	--	--	679	
Ozark	46	--	--	--	24	--	18	528	328	--	--	--	--	990	
Stone	6	--	--	--	3	--	--	23	14	--	--	--	--	81	
Taney	1	--	--	--	--	--	--	5	2	--	--	--	--	8	
Texas	55	--	--	--	2	--	--	2,728	1,007	--	--	--	--	3,938	
Webster	64	--	--	--	--	--	--	195	66	--	--	--	--	329	
Wright	114	--	--	--	9	--	--	611	395	--	--	--	--	1,148	
Total	694	23	3	44	213	23	54	10,550	4,311	--	--	10	0	17,030	

(Table 9 continued on next page)

(Table 9 continued)

Forest Inventory Unit and county	All species	Softwoods					Hardwoods							
		Eastern redcedar	Shortleaf pine	White pine	Cypress	Total softwoods	Soft maple	Hard maple	River birch	Hickory	Pecan	Hackberry	Ash	Honey- locust
		Northwestern Ozark Unit												
Benton	534	32	--	--	--	32	3	--	--	18	--	--	3	--
Camden	1,108	115	--	--	--	115	--	--	--	1	--	--	1	--
Cedar	341	--	--	--	--	--	15	--	--	42	--	--	17	--
Dallas	760	52	--	--	--	52	--	--	--	29	--	2	12	--
Hickory	692	17	--	--	--	17	--	--	--	28	--	--	1	--
Laclede	462	17	3	--	--	20	--	--	--	7	--	--	1	--
Maries	1,845	--	--	--	--	--	21	0	--	15	--	2	7	--
Miller	1,812	221	--	--	--	221	0	0	--	5	--	--	0	--
Morgan	706	17	--	--	--	17	2	0	--	4	--	0	--	--
Phelps	2,077	1	73	--	--	74	1	1	--	88	--	--	5	--
Polk	375	--	--	--	--	--	--	--	--	44	--	--	4	--
Pulaski	595	4	38	--	--	41	1	--	--	10	--	--	2	--
St. Clair	125	--	--	--	--	--	5	--	--	10	--	--	10	--
Total	11,431	475	114	--	--	589	48	1	--	300	--	4	61	--

(Table 9 continued on next page)

(Table 9 continued)

Forest Inventory Unit and county	Hardwoods													
	Black walnut	Sweetgum	Yellow poplar	Tupelo	Sycamore	Cotton- wood	Black cherry	Red oak group	White oak group	Black locust	Bass- wood	Elm	Other hardwoods	Total
Northwestern Ozark Unit														
Benton	11	--	--	--	3	3	--	220	240	--	--	3	--	501
Camden	18	--	--	--	1	--	--	407	566	--	--	--	--	993
Cedar	13	--	--	--	12	6	--	123	113	--	--	--	--	341
Dallas	21	--	--	--	13	--	1	334	296	--	--	--	--	707
Hickory	58	--	--	--	26	--	--	299	264	--	--	--	--	676
Laclede	33	--	--	--	1	--	--	269	132	--	--	--	--	442
Maries	14	--	--	--	36	36	1	807	903	--	--	4	--	1,845
Miller	3	--	--	--	8	2	--	646	926	--	--	--	--	1,591
Morgan	1	--	--	--	2	2	--	204	473	--	--	--	--	689
Phelps	14	--	--	--	80	--	--	847	964	--	--	4	--	2,003
Polk	19	--	--	--	4	--	--	164	141	--	--	--	0	375
Pulaski	14	--	--	--	13	1	--	279	234	--	--	1	--	554
St. Clair	13	--	--	--	5	4	--	49	29	--	--	--	0	125
Total	232	--	--	--	203	54	1	4,647	5,279	--	--	12	0	10,841

(Table 9 continued on next page)

(Table 9 continued)

Forest Inventory Unit and county	All species	Softwoods					Hardwoods							
		Eastern redcedar	Shortleaf pine	White pine	Cypress	Total softwoods	Soft maple	Hard maple	River birch	Hickory	Pecan	Hackberry	Ash	Honey- locust
Prairie Unit														
Adair	634	--	--	--	--	--	34	3	--	26	--	--	4	--
Andrew	20	--	--	--	--	--	--	--	--	--	--	--	--	--
Atchison	82	--	--	--	--	--	3	--	--	--	--	2	--	--
Audrain	635	--	--	--	--	--	26	2	--	26	--	--	2	--
Barton	199	--	--	--	--	--	11	--	--	14	--	2	9	--
Bates	149	9	--	--	--	9	1	--	--	19	9	10	4	5
Buchanan	164	--	--	--	--	--	33	--	--	--	--	--	7	--
Caldwell	246	--	--	--	--	--	33	--	--	3	--	--	22	5
Carroll	537	--	--	--	--	--	106	--	--	18	--	--	41	5
Cass	1	--	--	--	--	--	--	--	--	--	--	--	--	--
Chariton	868	--	--	--	--	--	109	--	14	27	--	14	41	5
Clark	866	--	--	--	--	--	58	1	--	42	--	--	24	3
Clinton	6	--	--	--	--	--	--	--	--	--	--	--	--	--
Cooper	213	24	--	--	--	24	22	--	3	3	--	4	8	--
Dade	578	--	--	--	--	--	4	--	--	55	--	25	32	--
Davies	488	--	--	--	--	--	46	--	--	21	--	--	46	--
De Kalb	46	--	--	--	--	--	2	--	--	1	--	--	2	--
Gentry	119	--	--	--	--	--	9	--	--	1	--	--	2	--
Greene	531	--	--	--	--	--	--	0	--	17	--	--	4	--
Grundy	455	--	--	--	--	--	99	--	--	3	--	--	43	--
Harrison	293	--	--	--	--	--	30	0	--	18	--	--	28	--
Henry	3	--	--	--	--	--	--	--	--	--	--	--	--	--
Holt	98	--	--	--	--	--	3	--	--	--	--	2	--	--
Jackson	0	--	--	--	--	--	--	--	--	--	--	--	--	--
Jasper	874	--	--	--	--	--	8	--	--	102	--	33	32	--
Johnson	51	--	--	--	--	--	--	--	--	--	--	--	--	--
Knox	370	--	--	--	--	--	64	3	--	23	--	--	4	--
Lafayette	150	--	--	--	--	--	5	--	--	--	--	--	5	5
Lawrence	945	--	--	--	--	--	--	--	--	60	--	64	85	--
Lewis	772	--	--	--	--	--	67	1	--	31	--	--	19	3
Lincoln	838	0	--	--	--	0	48	24	--	36	--	5	5	--

(Table 9 continued on next page)

(Table 9 continued)

Forest Inventory Unit and county	Hardwoods														Total
	Black walnut	Sweetgum	Yellow poplar	Tupelo	Sycamore	Cotton- wood	Black cherry	Red oak group	White oak group	Black locust	Bass- wood	Elm	Other hardwoods	hardwoods	
Prairie Unit															
Adair	82	--	--	--	3	66	1	196	203	--	7	9	--	634	
Andrew	0	--	--	--	--	17	--	2	1	--	--	--	0	20	
Atchison	9	--	--	--	--	65	--	--	3	--	--	--	--	82	
Audrain	13	--	--	--	18	19	0	134	389	--	--	6	--	635	
Barton	56	--	--	--	9	3	--	70	26	--	--	--	0	199	
Bates	14	--	--	--	1	--	2	38	34	--	--	4	0	140	
Buchanan	61	--	--	--	13	7	--	17	18	--	7	--	--	164	
Caldwell	5	--	--	--	44	27	--	52	54	--	--	3	--	246	
Carroll	54	--	--	--	53	62	1	113	78	--	--	6	--	537	
Cass	1	--	--	--	--	--	--	--	--	--	--	--	--	1	
Chariton	7	--	--	--	81	98	0	310	144	3	--	14	--	868	
Clark	54	--	--	--	11	100	2	320	227	--	1	23	--	866	
Clinton	--	--	--	--	0	3	--	0	2	--	--	--	--	6	
Cooper	61	--	--	--	23	15	1	37	10	--	--	3	--	188	
Dade	56	--	--	--	19	3	--	211	173	--	--	--	--	578	
Davies	--	--	--	--	27	197	--	67	69	--	--	16	--	488	
De Kalb	0	--	--	--	3	28	--	4	4	--	--	1	0	46	
Gentry	57	--	--	--	3	20	0	19	6	--	--	1	0	119	
Greene	188	1	--	--	2	--	--	107	213	--	--	--	--	531	
Grundy	0	--	--	--	13	167	--	58	61	--	--	10	--	455	
Harrison	12	--	--	--	16	125	--	27	23	--	--	13	--	293	
Henry	--	--	--	--	--	--	--	--	3	--	--	--	--	3	
Holt	4	--	--	--	--	86	--	--	3	--	--	--	--	98	
Jackson	--	--	--	--	--	--	0	--	--	--	--	--	--	0	
Jasper	124	--	--	--	23	6	--	383	162	--	--	--	--	874	
Johnson	51	--	--	--	--	--	--	--	--	--	--	--	--	51	
Knox	23	--	--	--	3	30	1	99	107	--	4	9	--	370	
Lafayette	22	--	--	--	38	--	0	37	37	--	--	--	--	150	
Lawrence	125	5	--	--	37	--	0	331	236	--	--	--	--	945	
Lewis	53	--	--	--	8	46	--	224	293	--	2	24	--	772	
Lincoln	30	--	--	--	79	78	0	178	350	--	--	4	0	838	

(Table 9 continued on next page)

(Table 9 continued)

Forest Inventory Unit and county	Softwoods							Hardwoods						
	All species	Eastern redcedar	Shortleaf pine	White pine	Cypress	Total softwoods								
							Soft maple	Hard maple	River birch	Hickory	Pecan	Hackberry	Ash	Honey- locust
Prairie Unit continued														
Linn	542	--	--	--	--	--	108	1	--	23	--	10	22	--
Livingston	762	--	--	--	--	--	117	--	--	16	--	10	53	--
Macon	1,056	1	--	--	--	1	26	1	3	28	--	3	10	--
Marion	235	--	--	--	--	--	20	3	2	9	--	2	6	--
Mercer	4	--	--	--	--	--	--	--	--	--	--	--	--	--
Monroe	810	--	--	--	--	--	35	2	4	39	--	4	2	--
Nodaway	80	--	--	--	--	--	--	--	--	--	--	--	--	--
Pettis	129	19	--	--	--	19	3	--	--	0	--	0	3	--
Pike	932	0	--	--	--	0	49	8	--	29	--	10	25	--
Platte	9	--	--	--	--	--	--	0	--	6	--	--	1	--
Putnam	308	0	--	--	--	0	34	1	--	7	--	0	2	--
Ralls	406	0	--	--	--	0	19	3	--	22	--	--	4	--
Randolph	1,787	--	--	--	--	--	53	1	19	58	2	18	19	--
Ray	288	--	--	--	--	--	17	0	--	14	--	--	18	5
Saline	423	6	--	--	--	6	33	--	--	15	--	--	28	6
Schuyler	470	1	--	--	--	1	54	1	--	10	--	--	3	--
Scotland	671	--	--	--	--	--	189	1	--	17	--	--	6	3
Shelby	812	0	--	--	--	0	29	3	4	27	--	4	11	--
Sullivan	255	--	--	--	--	--	28	1	--	15	--	--	1	--
Vernon	527	9	--	--	--	9	14	--	--	79	5	28	20	3
Worth	9	--	--	--	--	--	2	--	--	--	--	--	--	--
Total	21,744	71	--	--	--	71	1,652	63	50	960	16	252	705	48

(Table 9 continued on next page)

(Table 9 continued)

Forest Inventory Unit and county	Hardwoods														Total
	Black walnut	Sweetgum	Yellow poplar	Tupelo	Sycamore	Cotton- wood	Black cherry	Red oak group	White oak group	Black locust	Bass- wood	Elm	Other hardwoods	hardwoods	
Prairie Unit continued															
Linn	5	--	--	--	2	73	--	167	116	--	--	15	--	542	
Livingston	44	--	--	--	13	237	0	177	74	--	--	20	--	762	
Macon	10	--	--	--	16	54	0	347	539	4	--	12	--	1,055	
Marion	11	--	--	--	10	9	0	69	83	2	--	9	--	235	
Mercer	--	--	--	--	--	--	--	1	3	--	--	--	--	4	
Monroe	5	--	--	--	35	49	0	377	240	4	--	11	--	810	
Nodaway	--	--	--	--	--	78	--	2	--	--	--	--	--	80	
Pettis	6	--	--	--	3	3	--	43	45	--	--	3	--	110	
Pike	50	--	--	--	55	141	22	316	223	--	--	4	--	931	
Platte	0	--	--	--	--	--	--	2	--	--	--	--	--	9	
Putnam	9	--	--	--	3	9	--	88	149	--	--	7	--	308	
Ralls	14	--	--	--	15	4	0	145	169	--	--	9	--	406	
Randolph	15	--	--	--	66	66	0	692	749	5	--	22	--	1,787	
Ray	22	--	--	--	50	50	--	54	52	--	--	6	--	288	
Saline	26	--	--	--	69	62	0	92	76	--	--	9	--	417	
Schuyler	167	--	--	--	1	25	4	56	140	--	--	7	--	469	
Scotland	80	--	--	--	2	37	4	204	117	--	--	11	--	671	
Shelby	9	--	--	--	27	25	0	308	346	5	--	15	--	812	
Sullivan	6	--	--	--	2	14	--	62	120	--	--	6	--	255	
Vernon	50	--	--	--	16	23	--	98	179	--	--	2	--	519	
Worth	--	--	--	--	--	7	--	0	1	--	--	--	--	9	
Total	1,689	6	--	--	912	2,238	39	6,333	6,351	23	21	315	0	21,673	

(Table 9 continued on next page)

(Table 9 continued)

Forest Inventory Unit and county	Softwoods					Total softwoods
	All species	Eastern redcedar	Shortleaf pine	White pine	Cypress	
Riverborder Unit						
Boone	716	4	--	--	--	4
Callaway	646	118	--	--	--	118
Cape Girardeau	1,988	2	6	--	--	8
Cole	621	57	--	--	--	57
Dunklin	178	--	--	--	--	--
Franklin	1,326	27	5	--	--	32
Gasconade	1,614	163	5	--	--	168
Howard	544	--	--	--	--	--
Jefferson	485	137	4	--	--	141
Mississippi	87	--	--	--	--	--
Moniteau	927	669	--	--	--	669
Montgomery	590	214	--	--	--	214
New Madrid	45	--	--	--	4	4
Osage	866	116	--	--	--	116
Pemiscot	18	--	--	--	4	4
Perry	2,754	4	2	--	--	6
Scott	228	--	--	--	--	--
St. Charles	335	0	--	0	--	0
St. Louis	116	2	--	--	--	2
Ste. Genevieve	1,703	59	42	--	--	101
Stoddard	954	--	4	--	--	4
Warren	723	--	--	--	--	--
Total	17,463	1,573	67	0	8	1,648
State total	127,464	3,547	5,064	0	23	8,634

(Table 9 continued on next page)

Hardwoods								
Soft maple	Hard maple	River birch	Hickory	Pecan	Hackberry	Ash	Honey- locust	
27	0	2	28	6	2	9	--	
3	0	--	1	6	--	1	--	
53	76	--	200	--	3	66	--	
20	5	--	13	--	2	3	--	
14	--	--	2	--	--	31	--	
18	10	--	73	--	--	10	--	
19	8	--	39	--	1	3	--	
60	--	7	18	6	4	15	--	
0	7	--	13	--	--	7	--	
26	--	--	--	--	1	21	--	
12	--	--	1	--	0	0	--	
--	--	--	--	--	5	--	--	
4	--	--	--	--	1	7	--	
20	1	--	11	--	2	4	--	
0	--	--	--	--	--	--	--	
11	67	--	263	--	1	102	--	
3	4	--	21	--	--	15	--	
3	53	--	0	--	5	2	--	
7	2	--	1	--	--	1	--	
--	43	--	95	--	--	28	--	
3	38	--	139	--	--	28	--	
1	53	--	21	--	--	2	--	
304	368	9	938	17	26	358	--	
2,199	702	59	7,027	33	350	1,769	48	

(Table 9 continued)

Forest Inventory Unit and county	Hardwoods														Total
	Black walnut	Sweetgum	Yellow poplar	Tupelo	Sycamore	Cotton- wood	Black cherry	Red oak group	White oak group	Black locust	Bass- wood	Elm	Other hardwoods	hardwoods	
Riverborder Unit															
Boone	12	--	--	--	32	69	0	240	277	2	--	5	--	712	
Callaway	8	--	--	--	31	65	--	75	335	--	--	3	--	528	
Cape Girardeau	36	16	122	7	48	14	4	758	571	--	--	7	--	1,980	
Cole	17	--	--	--	22	38	1	204	239	--	--	--	--	564	
Dunklin	--	32	--	--	16	5	--	54	14	--	--	11	--	178	
Franklin	3	2	--	--	33	30	0	478	627	--	--	10	--	1,294	
Gasconade	4	0	--	--	67	94	0	397	805	--	--	7	--	1,446	
Howard	63	--	--	--	55	43	1	168	101	2	--	2	--	544	
Jefferson	2	--	0	--	4	0	1	189	120	--	--	--	--	344	
Mississippi	--	11	--	--	14	9	--	4	0	--	--	1	--	87	
Moniteau	3	--	--	--	53	--	0	121	67	--	--	--	--	257	
Montgomery	--	--	--	--	--	19	--	49	304	--	--	--	--	376	
New Madrid	--	12	--	--	7	9	--	--	--	--	--	2	--	41	
Osage	13	--	--	--	27	20	1	219	431	--	--	--	--	750	
Pemiscot	--	4	--	--	4	6	--	--	--	--	--	0	--	14	
Perry	45	0	56	25	32	12	13	1,096	1,021	--	--	3	0	2,748	
Scott	1	3	17	--	--	5	2	94	63	--	--	1	--	228	
St. Charles	14	1	--	--	7	49	--	108	91	--	--	1	--	334	
St. Louis	6	--	--	--	4	--	0	45	47	--	--	--	--	114	
Ste. Genevieve	4	--	1	--	45	25	3	725	633	--	--	--	--	1,602	
Stoddard	8	36	8	--	4	11	5	403	264	--	--	4	--	950	
Warren	13	1	--	--	42	67	0	116	405	--	--	1	--	723	
Total	252	118	205	32	547	590	32	5,542	6,415	4	--	58	0	15,815	
State total	2,943	374	246	103	2,207	3,022	157	60,356	36,618	28	21	565	1	118,829	

0 = Less than 500 cubic feet.

Table may not sum due to rounding.

Table 10. -- Sawtimber removals from timberland for industrial roundwood by Forest Inventory Unit, county, and species group, Missouri, 2006

(In thousand board feet) ¹

Forest Inventory Unit and county	Softwoods						Hardwoods							
	All species	Eastern redcedar	Shortleaf pine	White		Total softwoods	Soft maple	Hard maple	River birch	Hickory	Pecan	Hack- berry	Ash	Honey- locust
				pine	pine									
Eastern Ozark Unit														
Bollinger	15,519	--	67	--	4	72	108	453	--	1,410	--	2	915	--
Butler	7,923	0	702	--	74	775	56	13	--	769	--	6	40	--
Carter	19,651	20	2,290	--	--	2,310	104	69	--	1,628	--	--	149	--
Crawford	10,015	483	182	--	--	665	37	48	--	330	--	--	33	--
Dent	10,602	0	468	--	--	469	--	1	--	271	--	--	26	--
Iron	15,593	18	732	--	--	751	9	17	--	531	--	--	18	--
Madison	16,189	18	1,225	--	--	1,243	1	105	--	1,258	--	0	52	--
Oregon	21,257	16	320	--	--	336	--	83	--	2,637	--	--	281	--
Reynolds	23,216	9	2,158	--	--	2,167	52	--	--	1,275	--	--	17	--
Ripley	17,406	19	1,861	--	--	1,879	165	2	--	2,057	--	--	165	--
Shannon	24,661	1	3,283	--	--	3,283	--	--	--	1,590	--	--	--	--
St. Francois	6,253	11	116	--	--	127	--	20	--	374	--	--	43	--
Washington	10,646	45	1,076	--	--	1,121	37	43	--	168	--	--	27	--
Wayne	18,650	0	1,188	--	--	1,188	126	172	--	1,313	--	0	92	--
Total	217,582	641	15,667	--	78	16,386	695	1,027	--	15,612	--	8	1,857	--
Southwestern Ozark Unit														
Barry	4,955	38	--	--	--	38	5	3	--	204	--	129	231	--
Christian	740	19	--	--	--	19	--	--	--	43	--	--	6	--
Douglas	9,682	28	96	--	--	124	33	17	--	416	--	--	49	--
Howell	14,063	--	414	--	--	414	--	83	--	1,360	--	--	188	--
McDonald	7,642	--	--	--	--	--	18	4	--	241	--	92	92	--
Newton	2,573	--	--	--	--	--	11	--	--	57	--	12	8	--
Ozark	4,681	832	69	--	--	901	--	--	--	169	--	--	3	--
Stone	344	29	--	--	--	29	--	2	--	85	--	20	35	--
Taney	373	341	--	--	--	341	--	--	--	1	--	--	--	--
Texas	19,335	0	4,930	--	--	4,930	--	--	--	553	--	--	--	--
Webster	1,274	17	--	--	--	17	--	--	--	13	--	--	--	--
Wright	4,465	--	58	--	--	58	--	--	--	46	--	--	28	--
Total	70,126	1,303	5,567	--	--	6,869	67	108	--	3,188	--	254	639	--

(Table 10 continued on next page)

(Table 10 continued)

Forest Inventory Unit and county	Hardwoods													Total
	Black walnut	Sweet- gum	Yellow poplar	Tupelo	Sycamore	Cotton- wood	Black cherry	Red oak group	White oak group	Black locust	Bass- wood	Elm	Other hardwoods	
Eastern Ozark Unit														
Bollinger	24	24	84	31	434	68	40	6,086	5,719	--	--	48	0	15,448
Butler	2	273	--	3	93	140	3	4,072	1,655	--	--	21	1	7,148
Carter	39	17	--	--	107	--	--	11,047	4,164	--	--	17	--	17,341
Crawford	7	11	--	--	129	--	--	3,394	5,315	--	--	46	0	9,350
Dent	--	--	--	--	60	--	--	6,056	3,695	--	--	25	--	10,134
Iron	5	--	--	3	6	--	--	11,465	2,789	--	--	--	--	14,843
Madison	60	17	0	48	98	9	54	8,823	4,381	--	--	39	--	14,946
Oregon	84	141	--	--	98	105	13	12,926	4,336	--	--	218	--	20,921
Reynolds	67	17	--	--	--	55	--	15,601	3,946	--	--	18	--	21,049
Ripley	7	331	61	--	40	161	--	8,694	3,714	--	--	131	--	15,527
Shannon	--	2	--	--	--	--	--	15,510	4,275	--	--	--	--	21,378
St. Francois	27	--	--	--	45	9	0	2,998	2,602	--	--	7	--	6,126
Washington	6	1	--	--	68	0	0	5,375	3,771	--	--	29	--	9,526
Wayne	16	46	2	17	181	131	6	10,337	4,956	--	--	67	--	17,462
Total	344	880	148	104	1,359	679	116	122,384	55,318	--	--	665	1	201,196
Southwestern Ozark Unit														
Barry	340	76	5	5	72	26	1	2,550	1,272	--	--	--	--	4,917
Christian	133	--	--	--	--	--	--	341	198	--	--	1	--	721
Douglas	325	--	--	35	167	--	70	5,914	2,525	--	--	7	0	9,559
Howell	217	--	--	--	273	105	69	8,242	3,082	--	--	31	--	13,649
McDonald	392	12	6	121	149	--	--	4,700	1,816	--	--	--	--	7,642
Newton	434	--	--	9	13	--	--	1,721	308	--	--	--	--	2,573
Ozark	209	--	--	--	93	--	69	1,933	1,304	--	--	--	--	3,781
Stone	27	--	--	--	10	--	--	86	50	--	--	--	--	315
Taney	3	--	--	--	--	--	--	18	9	--	--	--	--	32
Texas	246	--	--	--	8	--	--	9,920	3,678	--	--	--	--	14,405
Webster	287	--	--	--	--	--	--	714	242	--	--	--	--	1,257
Wright	513	--	--	--	35	--	--	2,236	1,550	--	--	--	--	4,407
Total	3,126	88	11	168	820	131	210	38,375	16,032	--	--	39	0	63,256

(Table 10 continued on next page)

(Table 10 continued)

Forest Inventory Unit and county	All species	Softwoods					Hardwoods							
		Eastern redcedar	Shortleaf pine	White pine	Cypress	Total softwoods	Soft maple	Hard maple	River birch	Hickory	Pecan	Hack- berry	Ash	Honey- locust
		Northwestern Ozark Unit												
Benton	2,042	173	--	--	--	173	14	--	--	69	--	--	14	--
Camden	4,063	126	--	--	--	126	--	--	--	5	--	--	3	--
Cedar	1,289	--	--	--	--	--	57	--	--	160	--	--	67	--
Dallas	2,674	58	--	--	--	58	--	--	--	114	--	6	45	--
Hickory	2,550	18	--	--	--	18	--	--	--	108	--	--	3	--
Laclede	1,682	18	18	--	--	36	--	--	--	26	--	--	3	--
Maries	7,265	--	--	--	--	--	80	1	--	57	--	9	26	--
Miller	7,014	896	--	--	--	896	1	1	--	19	--	--	1	--
Morgan	2,833	18	--	--	--	18	8	0	--	15	--	1	--	--
Phelps	8,009	1	303	--	--	304	6	3	--	332	--	--	18	--
Polk	1,398	--	--	--	--	--	--	--	--	168	--	--	16	--
Pulaski	2,129	4	79	--	--	83	3	--	--	40	--	--	6	--
St. Clair	481	--	--	--	--	--	19	--	--	38	--	--	38	--
Total	43,429	1,314	399	--	--	1,713	187	4	--	1,151	--	16	238	--

(Table 10 continued on next page)

(Table 10 continued)

Forest Inventory Unit and county	Hardwoods											Total		
	Black walnut	Sweet- gum	Yellow poplar	Tupelo	Syca- more	Cotton- wood	Black cherry	Red oak group	White oak group	Black locust	Bass- wood		Elm	Other hardwoods
Northwestern Ozark Unit														
Benton	48	--	--	--	14	14	--	806	877	--	--	14	--	1,868
Camden	80	--	--	--	3	--	--	1,488	2,359	--	--	--	--	3,937
Cedar	58	--	--	--	48	36	--	448	414	--	--	--	--	1,289
Dallas	95	--	--	--	49	--	2	1,223	1,083	--	--	--	--	2,616
Hickory	263	--	--	--	99	--	--	1,095	965	--	--	--	--	2,532
Laclede	147	--	--	--	5	--	--	983	483	--	--	--	--	1,646
Maries	63	--	--	--	139	205	3	2,952	3,716	--	--	15	--	7,265
Miller	13	--	--	--	30	14	--	2,363	3,676	--	--	--	--	6,117
Morgan	6	--	--	--	8	10	--	748	2,018	--	--	--	--	2,814
Phelps	65	--	--	--	309	--	--	3,091	3,868	--	--	15	--	7,705
Polk	85	--	--	--	16	--	--	599	514	--	--	--	0	1,398
Pulaski	65	--	--	--	49	4	--	1,019	855	--	--	6	--	2,046
St. Clair	57	--	--	--	19	24	--	181	105	--	--	--	0	481
Total	1,044	--	--	--	788	309	5	16,995	20,931	--	--	50	1	41,716

(Table 10 continued on next page)

(Table 10 continued)

Forest Inventory Unit and county	All species	Softwoods					Hardwoods							
		Eastern redcedar	Shortleaf pine	White pine	Cypress	Total softwoods	Soft maple	Hard maple	River birch	Hickory	Pecan	Hack- berry	Ash	Honey- locust
		Prairie Unit												
Adair	2,621	--	--	--	--	131	10	--	102	--	--	--	17	--
Andrew	111	--	--	--	--	--	--	--	--	--	--	--	--	--
Atchison	445	--	--	--	--	11	--	--	--	--	10	--	--	--
Audrain	2,679	--	--	--	--	101	7	--	99	--	--	--	9	--
Barton	790	--	--	--	--	41	--	--	52	--	8	34	--	--
Bates	545	10	--	--	--	2	--	--	73	34	40	16	19	19
Buchanan	679	--	--	--	--	129	--	--	--	--	--	26	--	--
Caldwell	982	--	--	--	--	126	--	--	10	--	--	83	19	19
Carroll	2,186	--	--	--	--	407	--	--	69	--	--	160	20	20
Cass	6	--	--	--	--	--	--	--	--	--	--	--	--	--
Chariton	3,448	--	--	--	--	420	--	55	103	--	53	159	20	20
Clark	3,548	--	--	--	--	222	6	--	160	--	--	94	11	11
Clinton	29	--	--	--	--	--	--	--	--	--	--	--	--	--
Cooper	857	109	--	--	--	79	--	8	10	--	14	32	--	--
Dade	2,193	--	--	--	--	14	--	--	214	--	95	124	--	--
Davies	2,232	--	--	--	--	175	--	--	79	--	--	175	--	--
De Kalb	229	--	--	--	--	9	--	--	5	--	--	9	--	--
Gentry	531	--	--	--	--	34	--	--	5	--	--	9	--	--
Greene	2,336	--	--	--	--	--	1	--	66	--	--	14	--	--
Grundy	2,051	--	--	--	--	383	--	--	10	--	--	164	--	--
Harrison	1,371	--	--	--	--	117	1	--	73	--	--	108	--	--
Henry	10	--	--	--	--	--	--	--	--	--	--	--	--	--
Holt	545	--	--	--	--	12	--	--	--	--	10	--	--	--
Jackson	0	--	--	--	--	--	--	--	--	--	--	--	--	--
Jasper	3,352	--	--	--	--	31	--	--	393	--	127	124	--	--
Johnson	230	--	--	--	--	--	--	--	--	--	--	--	--	--
Knox	1,517	--	--	--	--	246	13	--	87	--	--	17	--	--
Lafayette	576	--	--	--	--	19	--	--	--	--	--	19	19	19
Lawrence	3,611	--	--	--	--	--	--	--	--	--	--	247	329	--
Lewis	3,073	--	--	--	--	259	6	--	121	--	--	75	11	11
Lincoln	3,582	0	--	--	--	186	93	--	138	--	19	19	--	--

(Table 10 continued on next page)

(Table 10 continued)

Forest Inventory Unit and county	Hardwoods													
	Black walnut	Sweet- gum	Yellow poplar	Tupelo	Sycamore	Cotton- wood	Black cherry	Red oak group	White oak group	Black locust	Bass- wood	Elm	Other hardwoods	Total
Prairie Unit														
Adair	367	--	--	--	12	384	3	718	818	--	26	35	--	2,621
Andrew	0	--	--	--	--	100	--	8	2	--	--	--	0	111
Atchison	39	--	--	--	--	374	--	--	11	--	--	--	--	445
Audrain	60	--	--	--	71	109	1	489	1,709	--	--	24	--	2,679
Barton	254	--	--	--	33	18	--	255	94	--	--	--	0	790
Bates	61	--	--	--	5	--	6	137	123	--	--	17	0	536
Buchanan	276	--	--	--	51	42	--	64	65	--	26	--	--	679
Caldwell	20	--	--	--	170	153	--	192	198	--	--	10	--	982
Carroll	244	--	--	--	203	356	3	415	286	--	--	24	--	2,186
Cass	6	--	--	--	--	--	--	--	--	--	--	--	--	6
Chariton	32	--	--	--	311	567	0	1,136	526	13	--	54	--	3,448
Clark	242	--	--	--	42	580	7	1,169	920	--	6	88	--	3,548
Clinton	--	--	--	--	1	18	--	1	9	--	--	--	--	29
Cooper	272	--	--	--	84	59	3	136	38	--	--	14	--	748
Dade	250	--	--	--	72	18	--	773	633	--	--	--	--	2,193
Davies	--	--	--	--	104	1,136	--	247	253	--	--	63	--	2,232
De Kalb	0	--	--	--	10	164	--	14	14	--	--	5	0	229
Gentry	256	--	--	--	10	117	2	69	23	--	--	5	1	531
Greene	846	4	--	--	6	--	--	391	1,009	--	--	--	--	2,336
Grundy	1	--	--	--	50	967	--	213	223	--	--	39	--	2,051
Harrison	54	--	--	--	61	724	--	99	84	--	--	49	--	1,371
Henry	--	--	--	--	--	--	--	--	10	--	--	--	--	10
Holt	16	--	--	--	--	495	--	--	12	--	--	--	--	545
Jackson	--	--	--	--	--	--	0	--	--	--	--	--	--	0
Jasper	556	--	--	--	88	36	--	1,402	594	--	--	--	--	3,352
Johnson	230	--	--	--	--	--	--	--	--	--	--	--	--	230
Knox	102	--	--	--	11	175	4	361	449	--	17	35	--	1,517
Lafayette	98	--	--	--	148	--	0	137	136	--	--	--	--	576
Lawrence	561	21	--	--	144	--	0	1,212	864	--	--	--	--	3,611
Lewis	238	--	--	--	31	264	--	820	1,149	--	7	93	--	3,073
Lincoln	133	--	--	--	305	452	1	652	1,570	--	--	15	0	3,582

(Table 10 continued on next page)

(Table 10 continued)

Forest Inventory Unit and county	Softwoods							Hardwoods						
	All species	Eastern redcedar	Shortleaf pine	White pine	Cypress	Total softwoods								
							Soft maple	Hard maple	River birch	Hickory	Pecan	Hack- berry	Ash	Honey- locust
Prairie Unit continued														
Linn	2,230	--	--	--	--	--	417	5	--	90	--	38	84	--
Livingston	3,371	--	--	--	--	--	451	--	--	63	--	38	203	--
Macon	4,347	1	--	--	--	1	102	5	13	106	--	13	40	--
Marion	956	--	--	--	--	--	76	11	9	34	--	8	22	--
Mercer	15	--	--	--	--	--	--	--	--	--	--	--	--	--
Monroe	3,154	--	--	--	--	--	137	7	16	152	--	16	10	--
Nodaway	460	--	--	--	--	--	--	--	--	--	--	--	--	--
Pettis	541	104	--	--	--	104	17	--	--	0	--	1	15	--
Pike	3,788	0	--	--	--	0	189	29	--	110	--	38	97	--
Platte	37	--	--	--	--	--	--	1	--	26	--	--	2	--
Putnam	1,231	0	--	--	--	0	130	4	--	28	--	1	9	--
Ralls	1,575	0	--	--	--	0	74	13	--	86	--	--	17	--
Randolph	7,089	--	--	--	--	--	206	5	72	222	7	71	75	--
Ray	1,202	--	--	--	--	--	66	1	--	55	--	--	69	20
Saline	1,759	34	--	--	--	34	132	--	--	58	--	--	112	23
Schuyler	1,989	1	--	--	--	1	209	5	--	39	--	--	13	--
Scotland	2,706	--	--	--	--	--	727	5	--	65	--	--	24	11
Shelby	3,109	0	--	--	--	0	113	11	17	105	--	15	41	--
Sullivan	1,056	--	--	--	--	--	108	4	--	59	--	--	5	--
Vernon	2,031	10	--	--	--	10	55	--	--	306	20	108	77	13
Worth	49	--	--	--	--	--	7	--	--	--	--	--	--	--
Total	89,058	270	--	--	--	270	6,369	242	189	3,705	62	969	2,727	186

(Table 10 continued on next page)

(Table 10 continued)

Forest Inventory Unit and county	Hardwoods													
	Black walnut	Sweet- gum	Yellow poplar	Tupelo	Sycamore	Cotton- wood	Black cherry	Red oak group	White oak group	Black locust	Bass- wood	Elm	Other hardwoods	Total
Prairie Unit continued														
Linn	24	--	--	--	6	419	--	611	478	--	--	58	--	2,230
Livingston	197	--	--	--	51	1,371	2	648	270	--	--	77	--	3,371
Macon	46	--	--	--	61	314	1	1,268	2,314	15	--	48	--	4,346
Marion	52	--	--	--	38	54	0	251	360	9	--	33	--	956
Mercer	--	--	--	--	--	--	--	2	12	--	--	--	--	15
Monroe	24	--	--	--	136	283	0	1,381	932	15	--	44	--	3,154
Nodaway	--	--	--	--	--	453	--	7	--	--	--	--	--	460
Pettis	26	--	--	--	17	19	--	157	172	--	--	14	--	437
Pike	225	--	--	--	211	814	85	1,156	817	--	--	16	--	3,787
Platte	1	--	--	--	--	--	--	6	--	--	--	--	--	37
Putnam	39	--	--	--	10	54	--	320	610	--	--	26	--	1,231
Ralls	64	--	--	--	59	23	1	529	674	--	--	36	--	1,575
Randolph	69	--	--	--	255	380	1	2,532	3,089	19	--	86	--	7,089
Ray	98	--	--	--	194	290	--	197	189	--	--	23	--	1,202
Saline	116	--	--	--	272	359	1	336	276	--	--	39	--	1,725
Schuyler	753	--	--	--	5	143	14	205	574	--	--	29	--	1,988
Scotland	358	--	--	--	7	215	17	747	489	--	--	42	--	2,706
Shelby	39	--	--	--	104	143	0	1,126	1,320	19	--	56	--	3,109
Sullivan	26	--	--	--	8	82	--	227	517	--	--	22	--	1,056
Vernon	224	--	--	--	63	134	--	357	656	--	--	8	--	2,021
Worth	--	--	--	--	--	39	--	1	2	--	--	--	--	49
Total	7,597	25	--	--	3,520	12,896	151	23,177	25,573	90	81	1,226	2	88,788

(Table 10 continued on next page)

(Table 10 continued)

Forest Inventory Unit and county	All species	Softwoods					Hardwoods							
		Eastern redcedar	Shortleaf pine	White pine	Cypress	Total softwoods	Soft maple	Hard maple	River birch	Hickory	Pecan	Hack- berry	Ash	Honey- locust
		Riverborder Unit												
Boone	2,792	9	--	--	--	9	104	1	9	108	22	8	36	--
Callaway	2,800	426	--	--	--	426	12	1	--	3	22	--	4	--
Cape Girardeau	8,047	2	29	--	--	32	203	319	--	829	--	11	259	--
Cole	2,416	246	--	--	--	246	77	18	--	52	--	9	13	--
Dunklin	688	--	--	--	--	--	54	--	--	8	--	--	119	--
Franklin	5,126	30	27	--	--	57	70	38	--	280	--	--	38	--
Gasconade	6,814	842	24	--	--	865	74	30	--	152	--	3	13	--
Howard	2,067	--	--	--	--	--	201	--	23	70	22	14	52	--
Jefferson	1,456	152	18	--	--	170	0	29	--	48	--	--	28	--
Mississippi	371	--	--	--	--	--	108	--	--	--	--	3	87	--
Moniteau	3,861	2,843	--	--	--	2,843	46	--	--	3	--	1	2	--
Montgomery	2,892	1,111	--	--	--	1,111	--	--	--	--	--	19	--	--
New Madrid	200	--	--	--	20	20	15	--	--	--	--	2	26	--
Osage	3,488	553	--	--	--	553	79	3	--	42	--	9	17	--
Pemiscot	87	--	--	--	20	20	1	--	--	--	--	--	--	--
Perry	11,291	4	9	--	--	14	44	291	--	1,092	--	4	400	--
Scott	877	--	--	--	--	--	13	14	--	82	--	--	61	--
St. Charles	1,356	0	--	0	--	0	12	205	--	1	--	19	7	--
St. Louis	454	3	--	--	--	3	26	9	--	3	--	--	5	--
Ste. Genevieve	7,573	66	216	--	--	282	--	215	--	465	--	--	110	--
Stoddard	3,726	--	20	--	--	20	13	146	--	536	--	--	110	--
Warren	3,186	--	--	--	--	--	4	205	--	82	--	--	6	--
Total	71,567	6,288	343	0	41	6,672	1,155	1,526	31	3,856	67	101	1,393	--
State total	491,762	9,816	21,976	0	119	31,911	8,473	2,907	221	27,512	129	1,348	6,855	186

(Table 10 continued on next page)

Forest Inventory Unit and county	Hardwoods													
	Black walnut	Sweet- gum	Yellow poplar	Tupelo	Sycamore	Cotton- wood	Black cherry	Red oak group	White oak group	Black locust	Bass- wood	Elm	Other hardwoods	Total
Riverborder Unit														
Boone	52	--	--	--	125	396	1	878	1,016	9	--	18	--	2,783
Callaway	38	--	--	--	118	378	--	274	1,514	--	--	11	--	2,374
Cape Girardeau	163	63	476	28	210	81	15	2,982	2,350	--	--	27	--	8,015
Cole	75	--	--	--	86	219	3	746	874	--	--	--	--	2,170
Dunklin	--	123	--	--	63	26	--	200	51	--	--	44	--	688
Franklin	15	7	--	--	127	174	0	1,749	2,531	--	--	40	--	5,069
Gasconade	20	1	--	--	258	542	1	1,452	3,374	--	--	28	--	5,949
Howard	282	--	--	--	205	197	3	614	368	9	--	8	--	2,067
Jefferson	11	--	0	--	16	1	4	691	457	--	--	--	--	1,285
Mississippi	--	43	--	--	56	54	--	14	0	--	--	6	--	371
Moniteau	14	--	--	--	265	--	1	441	246	--	--	--	--	1,018
Montgomery	--	--	--	--	--	109	--	180	1,473	--	--	--	--	1,781
New Madrid	--	45	--	--	28	54	--	--	--	--	--	9	--	180
Osage	58	--	--	--	102	117	3	803	1,703	--	--	--	--	2,935
Pemiscot	--	14	--	--	14	36	--	--	--	--	--	1	--	66
Perry	201	1	216	97	153	69	52	4,351	4,294	--	--	13	0	11,277
Scott	3	13	68	--	--	26	7	349	239	--	--	3	--	877
St. Charles	61	4	--	--	28	284	--	396	334	--	--	4	--	1,356
St. Louis	28	--	--	--	14	--	1	167	196	--	--	--	--	451
Ste. Genevieve	18	--	5	--	222	147	13	3,103	2,993	--	--	--	--	7,291
Stoddard	34	140	32	--	15	63	20	1,481	1,101	--	--	15	--	3,707
Warren	59	4	--	--	163	387	0	426	1,845	--	--	4	--	3,186
Total	1,131	457	797	124	2,267	3,361	123	21,296	26,962	17	--	230	0	64,895
State total	13,241	1,449	955	396	8,755	17,376	605	222,225	144,816	107	81	2,210	5	459,851

0 = Less than 500 board feet.

¹ International 1/4-inch rule.

Table may not sum due to rounding.

Table 11. -- Harvest residue generated by industrial roundwood harvesting by Forest Inventory Unit, county, and species group, Missouri, 2006

(In thousand cubic feet)

Forest Inventory Unit and county		Softwoods										Hardwoods						
		All species	Eastern redcedar	Shortleaf pine		White pine		Cypress	Total softwoods	Soft maple	Hard maple	River birch	Hickory	Pecan	Hackberry	Ash	Honeylocust	
Eastern Ozark Unit																		
	Bollinger	1,761	--	8	--	1	9	27	40	--	176	--	1	141	--			
	Butler	1,381	0	86	--	9	95	7	1	--	188	--	2	7	--			
	Carter	3,760	16	281	--	--	297	29	19	--	454	--	--	42	--			
	Crawford	1,535	28	22	--	--	51	10	13	--	92	--	--	9	--			
	Dent	1,829	0	61	--	--	62	--	0	--	75	--	--	7	--			
	Iron	2,954	15	87	--	--	102	2	4	--	148	--	--	5	--			
	Madison	3,042	15	149	--	--	164	0	29	--	351	--	0	14	--			
	Oregon	4,316	13	41	--	--	54	--	23	--	736	--	--	78	--			
	Reynolds	4,371	7	263	--	--	271	15	--	--	356	--	--	5	--			
	Ripley	3,431	15	227	--	--	242	46	0	--	574	--	--	46	--			
	Shannon	4,581	1	394	--	--	395	--	--	--	442	--	--	--	--			
	St. Francois	1,115	8	14	--	--	22	10	6	--	104	--	--	12	--			
	Washington	1,934	35	129	--	--	165	10	12	--	47	--	--	7	--			
	Wayne	3,140	0	145	--	--	145	31	36	--	299	--	0	20	--			
	Total	39,150	154	1,909	--	10	2,073	178	184	--	4,042	--	2	394	--			
Southwestern Ozark Unit																		
	Barry	1,013	30	--	--	--	30	1	1	--	54	--	36	61	--			
	Christian	148	15	--	--	--	15	--	--	--	12	--	--	2	--			
	Douglas	1,848	22	12	--	--	34	9	5	--	116	--	--	14	--			
	Howell	2,795	--	50	--	--	50	--	23	--	379	--	--	52	--			
	McDonald	1,494	--	--	--	--	--	5	1	--	67	--	26	26	--			
	Newton	474	--	--	--	--	--	3	--	--	16	--	3	2	--			
	Ozark	1,359	668	8	--	--	676	--	--	--	47	--	--	1	--			
	Stone	73	23	--	--	--	23	--	0	--	8	--	6	9	--			
	Taney	280	274	--	--	--	274	--	--	--	0	--	--	--	--			
	Texas	3,142	0	376	--	--	376	--	--	--	154	--	--	--	--			
	Webster	237	14	--	--	--	14	--	--	--	4	--	--	--	--			
	Wright	773	--	8	--	--	8	--	--	--	13	--	--	8	--			
	Total	13,636	1,046	454	--	--	1,500	19	30	--	870	--	71	174	--			

(Table 11 continued on next page)

(Table 11 continued)

Forest Inventory Unit and county	Hardwoods													Total
	Black walnut	Sweet- gum	Yellow poplar	Tupelo	Sycamore	Cotton- wood	Black cherry	Red oak group	White oak group	Black locust	Bass- wood	Elm	Other hardwoods	
Eastern Ozark Unit														
Bollinger	3	6	21	9	49	8	10	726	532	--	--	4	0	1,752
Butler	0	63	--	1	24	16	1	734	243	--	--	1	0	1,287
Carter	5	5	--	--	30	--	--	2,095	778	--	--	5	--	3,463
Crawford	1	3	--	--	36	--	--	644	663	--	--	13	0	1,484
Dent	--	--	--	--	17	--	--	1,149	513	--	--	7	--	1,767
Iron	1	--	--	1	2	--	--	2,175	513	--	--	--	--	2,852
Madison	8	5	0	13	27	1	15	1,674	728	--	--	11	--	2,878
Oregon	11	39	--	--	27	12	0	2,452	823	--	--	61	--	4,262
Reynolds	9	5	--	--	--	6	--	2,960	741	--	--	5	--	4,101
Ripley	1	92	17	--	11	18	--	1,649	698	--	--	37	--	3,189
Shannon	--	1	--	--	--	--	--	2,933	810	--	--	--	--	4,186
St. Francois	3	--	--	--	13	1	0	568	384	--	--	2	--	1,092
Washington	1	0	--	--	19	0	0	1,020	646	--	--	8	--	1,770
Wayne	2	9	0	5	49	15	2	1,824	693	--	--	10	--	2,995
Total	45	227	39	29	303	77	28	22,602	8,765	--	--	163	0	37,078
Southwestern Ozark Unit														
Barry	46	21	1	1	20	3	0	493	244	--	--	--	--	983
Christian	17	--	--	--	--	--	--	64	38	--	--	0	--	133
Douglas	42	--	--	10	47	--	19	1,122	428	--	--	2	0	1,814
Howell	28	--	--	--	76	12	19	1,563	585	--	--	9	--	2,746
McDonald	53	3	2	34	42	--	--	892	345	--	--	--	--	1,494
Newton	59	--	--	2	4	--	--	326	58	--	--	--	--	474
Ozark	26	--	--	--	26	--	19	367	197	--	--	--	--	683
Stone	2	--	--	--	3	--	--	14	9	--	--	--	--	50
Taney	0	--	--	--	--	--	--	3	2	--	--	--	--	6
Texas	33	--	--	--	2	--	--	1,880	697	--	--	--	--	2,765
Webster	38	--	--	--	--	--	--	136	46	--	--	--	--	223
Wright	67	--	--	--	10	--	--	424	243	--	--	--	--	765
Total	412	24	3	47	229	15	58	7,283	2,891	--	--	11	0	12,136

(Table 11 continued on next page)

(Table 11 continued)

Forest Inventory Unit and county	All species	Softwoods					Hardwoods							
		Eastern redcedar	Shortleaf pine	White pine	Cypress	Total softwoods	Soft maple	Hard maple	River birch	Hickory	Pecan	Hack- berry	Ash	Honey- locust
		Northwestern Ozark Unit												
Benton	351	5	--	--	--	5	0	--	--	19	--	--	0	--
Camden	704	101	--	--	--	101	--	--	--	1	--	--	1	--
Cedar	268	--	--	--	--	--	16	--	--	45	--	--	19	--
Dallas	557	46	--	--	--	46	--	--	--	32	--	2	13	--
Hickory	500	15	--	--	--	15	--	--	--	30	--	--	1	--
Laclede	324	15	2	--	--	17	--	--	--	7	--	--	1	--
Maries	1,186	--	--	--	--	--	22	0	--	16	--	2	7	--
Miller	1,104	81	--	--	--	81	0	0	--	5	--	--	0	--
Morgan	410	15	--	--	--	15	2	0	--	4	--	0	--	--
Phelps	1,383	1	36	--	--	37	2	1	--	92	--	--	5	--
Polk	276	--	--	--	--	--	--	--	--	47	--	--	4	--
Pulaski	407	3	11	--	--	14	1	--	--	11	--	--	2	--
St. Clair	97	--	--	--	--	--	5	--	--	11	--	--	11	--
Total	7,568	282	49	--	--	331	49	1	--	321	--	4	63	--

(Table 11 continued on next page)

(Table 11 continued)

Forest Inventory Unit and county	Hardwoods													Total
	Black walnut	Sweet- gum	Yellow poplar	Tupelo	Sycamore	Cotton- wood	Black cherry	Red oak group	White oak group	Black locust	Bass- wood	Elm	Other hardwoods	
Northwestern Ozark Unit														
Benton	6	--	--	--	0	0	--	153	166	--	--	0	--	347
Camden	11	--	--	--	1	--	--	282	307	--	--	--	--	603
Cedar	8	--	--	--	13	4	--	85	79	--	--	--	--	268
Dallas	13	--	--	--	14	--	1	232	205	--	--	--	--	510
Hickory	36	--	--	--	28	--	--	208	183	--	--	--	--	485
Laclede	19	--	--	--	1	--	--	186	92	--	--	--	--	307
Maries	9	--	--	--	39	23	1	560	503	--	--	4	--	1,186
Miller	2	--	--	--	8	2	--	448	557	--	--	--	--	1,023
Morgan	1	--	--	--	2	1	--	142	242	--	--	--	--	395
Phelps	8	--	--	--	86	--	--	586	563	--	--	4	--	1,347
Polk	9	--	--	--	4	--	--	114	98	--	--	--	0	276
Pulaski	8	--	--	--	14	0	--	193	162	--	--	2	--	393
St. Clair	8	--	--	--	5	3	--	34	20	--	--	--	0	97
Total	137	--	--	--	216	34	1	3,224	3,176	--	--	10	0	7,237

(Table 11 continued on next page)

(Table 11 continued)

Forest Inventory Unit and county	All species	Softwoods					Hardwoods							
		Eastern redcedar	Shortleaf pine	White pine	Cypress	Total softwoods	Soft maple	Hard maple	River birch	Hickory	Pecan	Hack- berry	Ash	Honey- locust
		Prairie Unit												
Adair	441	--	--	--	--	--	36	3	--	28	--	--	5	--
Andrew	13	--	--	--	--	--	--	--	--	--	--	--	--	--
Atchison	56	--	--	--	--	--	3	--	--	--	--	3	--	--
Audrain	383	--	--	--	--	--	28	2	--	28	--	--	3	--
Barton	150	--	--	--	--	--	11	--	--	15	--	2	9	--
Bates	125	8	--	--	--	8	1	--	--	20	10	11	4	5
Buchanan	130	--	--	--	--	--	36	--	--	--	--	--	7	--
Caldwell	209	--	--	--	--	--	35	--	--	3	--	--	23	5
Carroll	453	--	--	--	--	--	113	--	--	19	--	--	45	6
Cass	1	--	--	--	--	--	--	--	--	--	--	--	--	--
Chariton	715	--	--	--	--	--	117	--	15	29	--	15	44	6
Clark	629	--	--	--	--	--	62	2	--	45	--	--	26	3
Clinton	4	--	--	--	--	--	--	--	--	--	--	--	--	--
Cooper	117	7	--	--	--	7	15	--	0	3	--	4	3	--
Dade	444	--	--	--	--	--	4	--	--	60	--	27	35	--
Davies	389	--	--	--	--	--	49	--	--	22	--	--	49	--
De Kalb	34	--	--	--	--	--	2	--	--	1	--	--	2	--
Gentry	78	--	--	--	--	--	9	--	--	1	--	--	2	--
Greene	264	--	--	--	--	--	--	0	--	12	--	--	3	--
Grundy	372	--	--	--	--	--	107	--	--	3	--	--	46	--
Harrison	222	--	--	--	--	--	33	0	--	10	--	--	29	--
Henry	2	--	--	--	--	--	--	--	--	--	--	--	--	--
Holt	67	--	--	--	--	--	3	--	--	--	--	3	--	--
Jackson	0	--	--	--	--	--	--	--	--	--	--	--	--	--
Jasper	671	--	--	--	--	--	9	--	--	110	--	35	35	--
Johnson	22	--	--	--	--	--	--	--	--	--	--	--	--	--
Knox	277	--	--	--	--	--	69	4	--	24	--	--	5	--
Lafayette	113	--	--	--	--	--	5	--	--	--	--	--	5	5
Lawrence	739	--	--	--	--	--	--	--	--	65	--	69	92	--
Lewis	565	--	--	--	--	--	72	2	--	34	--	--	21	3

(Table 11 continued on next page)

(Table 11 continued)

Forest Inventory Unit and county	Hardwoods													Total
	Black walnut	Sweet- gum	Yellow poplar	Tupelo	Syca- more	Cotton- wood	Black cherry	Red oak group	White oak group	Black locust	Bass- wood	Elm	Other hardwoods	
Prairie Unit														
Adair	50	--	--	--	3	43	1	136	118	--	7	10	--	441
Andrew	0	--	--	--	--	11	--	1	0	--	--	--	0	13
Atchison	5	--	--	--	--	42	--	--	2	--	--	--	--	56
Audrain	8	--	--	--	20	12	0	93	183	--	--	7	--	383
Barton	34	--	--	--	9	2	--	48	18	--	--	--	0	150
Bates	8	--	--	--	2	--	2	26	23	--	--	5	0	117
Buchanan	36	--	--	--	14	5	--	12	12	--	7	--	--	130
Caldwell	1	--	--	--	47	17	--	36	37	--	--	3	--	209
Carroll	33	--	--	--	57	40	1	78	54	--	--	7	--	453
Cass	1	--	--	--	--	--	--	--	--	--	--	--	--	1
Chariton	4	--	--	--	87	64	0	215	100	4	--	15	--	715
Clark	33	--	--	--	12	66	2	222	131	--	2	25	--	629
Clinton	--	--	--	--	0	2	--	0	2	--	--	--	--	4
Cooper	34	--	--	--	13	4	1	26	7	--	--	0	--	110
Dade	30	--	--	--	20	2	--	147	120	--	--	--	--	444
Davies	--	--	--	--	29	128	--	46	48	--	--	18	--	389
De Kalb	0	--	--	--	3	18	--	3	3	--	--	1	0	34
Gentry	29	--	--	--	3	13	1	13	4	--	--	1	1	78
Greene	93	1	--	--	2	--	--	73	80	--	--	--	--	264
Grundy	0	--	--	--	14	109	--	40	42	--	--	11	--	372
Harrison	6	--	--	--	17	82	--	17	16	--	--	14	--	222
Henry	--	--	--	--	--	--	--	--	2	--	--	--	--	2
Holt	2	--	--	--	--	56	--	--	2	--	--	--	--	67
Jackson	--	--	--	--	--	--	0	--	--	--	--	--	--	0
Jasper	75	--	--	--	25	4	--	266	113	--	--	--	--	671
Johnson	22	--	--	--	--	--	--	--	--	--	--	--	--	22
Knox	13	--	--	--	3	20	1	68	56	--	5	10	--	277
Lafayette	4	--	--	--	41	--	0	26	26	--	--	--	--	113
Lawrence	73	6	--	--	40	--	0	230	164	--	--	--	--	739
Lewis	32	--	--	--	9	30	--	156	180	--	2	26	--	565

(Table 11 continued on next page)

(Table 11 continued)

Forest Inventory Unit and county	All species	Softwoods					Hardwoods							
		Eastern redcedar	Shortleaf pine	White pine	Cypress	Total softwoods	Soft maple	Hard maple	River birch	Hickory	Pecan	Hack- berry	Ash	Honey- locust
		Prairie Unit continued												
Lincoln	564	0	--	--	--	0	52	26	--	38	--	5	5	--
Linn	425	--	--	--	--	--	116	1	--	25	--	11	23	--
Livingston	599	--	--	--	--	--	126	--	--	18	--	11	57	--
Macon	667	1	--	--	--	1	28	1	4	30	--	4	11	--
Marion	167	--	--	--	--	--	21	3	2	10	--	2	6	--
Mercer	2	--	--	--	--	--	--	--	--	--	--	--	--	--
Monroe	596	--	--	--	--	--	38	2	5	42	--	4	3	--
Nodaway	52	--	--	--	--	--	--	--	--	--	--	--	--	--
Pettis	63	3	--	--	--	3	1	--	--	0	--	0	0	--
Pike	708	0	--	--	--	0	53	8	--	31	--	11	27	--
Platte	1	--	--	--	--	--	--	0	--	1	--	--	0	--
Putnam	213	0	--	--	--	0	36	1	--	8	--	0	3	--
Ralls	290	0	--	--	--	0	21	4	--	24	--	--	5	--
Randolph	1,225	--	--	--	--	--	57	1	20	62	2	20	21	--
Ray	219	--	--	--	--	--	18	0	--	7	--	--	18	6
Saline	333	1	--	--	--	1	33	--	--	16	--	--	28	7
Schuyler	323	1	--	--	--	1	58	1	--	11	--	--	4	--
Scotland	528	--	--	--	--	--	203	1	--	18	--	--	7	3
Shelby	593	0	--	--	--	0	31	3	5	29	--	4	11	--
Sullivan	173	--	--	--	--	--	30	1	--	16	--	--	1	--
Vernon	426	8	--	--	--	8	15	--	--	85	6	30	21	4
Worth	7	--	--	--	--	--	2	--	--	--	--	--	--	--
Total	15,862	29	--	--	--	29	1,761	65	51	1,002	17	270	744	52

(Table 11 continued on next page)

(Table 11 continued)

Forest Inventory Unit and county	Hardwoods													Total
	Black walnut	Sweet- gum	Yellow poplar	Tupelo	Sycamore	Cotton- wood	Black cherry	Red oak group	White oak group	Black locust	Bass- wood	Elm	Other hardwoods	
Prairie Unit continued														
Lincoln	18	--	--	--	85	51	0	124	156	--	--	4	0	564
Linn	3	--	--	--	2	47	--	116	64	--	--	16	--	425
Livingston	23	--	--	--	14	155	1	123	51	--	--	22	--	599
Macon	6	--	--	--	17	35	0	241	272	4	--	13	--	666
Marion	7	--	--	--	11	6	0	48	40	2	--	9	--	167
Mercer	--	--	--	--	--	--	--	0	2	--	--	--	--	2
Monroe	3	--	--	--	38	32	0	262	150	4	--	12	--	596
Nodaway	--	--	--	--	--	51	--	1	--	--	--	--	--	52
Pettis	3	--	--	--	1	1	--	30	23	--	--	0	--	60
Pike	26	--	--	--	59	92	24	219	155	--	--	4	--	708
Platte	0	--	--	--	--	--	--	0	--	--	--	--	--	1
Putnam	5	--	--	--	3	6	--	61	83	--	--	7	--	213
Ralls	8	--	--	--	16	3	0	100	99	--	--	10	--	290
Randolph	9	--	--	--	71	43	0	480	409	5	--	24	--	1,225
Ray	4	--	--	--	54	33	--	36	36	--	--	6	--	219
Saline	13	--	--	--	72	39	0	64	52	--	--	7	--	332
Schuyler	102	--	--	--	1	16	4	39	78	--	--	8	--	322
Scotland	48	--	--	--	2	24	5	142	64	--	--	12	--	528
Shelby	5	--	--	--	29	16	0	214	224	5	--	16	--	593
Sullivan	3	--	--	--	2	9	--	43	60	--	--	6	--	173
Vernon	30	--	--	--	18	15	--	68	124	--	--	2	--	419
Worth	--	--	--	--	--	4	--	0	0	--	--	--	--	7
Total	946	7	--	--	965	1,452	42	4,390	3,688	25	23	332	2	15,833

(Table 11 continued on next page)

(Table 11 continued)

Forest Inventory Unit and county	All species	Softwoods					Hardwoods							
		Eastern redcedar	Shortleaf pine	White pine	Cypress	Total softwoods	Soft maple	Hard maple	River birch	Hickory	Pecan	Hack- berry	Ash	Honey- locust
		Riverborder Unit												
Boone	534	2	--	--	--	2	29	0	2	30	6	2	10	--
Callaway	345	52	--	--	--	52	3	0	--	1	6	--	1	--
Cape Girardeau	1,184	2	4	--	--	5	54	54	--	135	--	3	63	--
Cole	432	19	--	--	--	19	21	5	--	14	--	2	3	--
Dunklin	153	--	--	--	--	--	13	--	--	0	--	--	32	--
Franklin	911	24	3	--	--	27	20	11	--	78	--	--	10	--
Gasconade	958	29	3	--	--	32	21	8	--	42	--	1	4	--
Howard	397	--	--	--	--	--	51	--	4	20	6	4	12	--
Jefferson	368	121	2	--	--	123	0	8	--	13	--	--	8	--
Mississippi	48	--	--	--	--	--	7	--	--	--	--	1	12	--
Moniteau	388	224	--	--	--	224	13	--	--	1	--	0	0	--
Montgomery	186	36	--	--	--	36	--	--	--	--	--	5	--	--
New Madrid	33	--	--	--	2	2	2	--	--	--	--	1	5	--
Osage	534	28	--	--	--	28	22	1	--	12	--	2	4	--
Pemiscot	15	--	--	--	2	2	0	--	--	--	--	--	--	--
Perry	1,505	4	1	--	--	5	10	47	--	170	--	1	84	--
Scott	145	--	--	--	--	--	1	2	--	12	--	--	8	--
St. Charles	253	0	--	0	--	0	3	57	--	0	--	5	2	--
St. Louis	78	2	--	--	--	2	7	2	--	1	--	--	1	--
Ste. Genevieve	780	52	26	--	--	78	--	15	--	39	--	--	31	--
Stoddard	691	--	2	--	--	2	--	41	--	144	--	--	28	--
Warren	430	--	--	--	--	--	1	57	--	23	--	--	2	--
Total	10,369	594	42	0	5	641	280	309	7	737	19	28	320	--
State total	86,585	2,105	2,454	0	14	4,574	2,287	588	58	6,972	36	376	1,695	52

(Table 11 continued on next page)

(Table 11 continued)

Forest Inventory Unit and county	Hardwoods													Total
	Black walnut	Sweet- gum	Yellow poplar	Tupelo	Sycamore	Cotton- wood	Black cherry	Red oak group	White oak group	Black locust	Bass- wood	Elm	Other hardwoods	
Riverborder Unit														
Boone	6	--	--	--	35	45	0	167	191	2	--	5	--	531
Callaway	5	--	--	--	33	43	--	52	145	--	--	3	--	292
Cape Girardeau	12	17	116	8	33	9	4	438	231	--	--	3	--	1,179
Cole	10	--	--	--	24	25	1	141	166	--	--	--	--	413
Dunklin	--	34	--	--	17	3	--	36	10	--	--	7	--	153
Franklin	2	2	--	--	35	20	0	331	365	--	--	11	--	885
Gasconade	3	0	--	--	72	61	0	276	430	--	--	8	--	926
Howard	37	--	--	--	50	21	1	117	70	2	--	2	--	397
Jefferson	1	--	0	--	4	0	1	131	78	--	--	--	--	245
Mississippi	--	12	--	--	7	6	--	3	0	--	--	0	--	48
Moniteau	2	--	--	--	18	--	0	84	47	--	--	--	--	165
Montgomery	--	--	--	--	--	12	--	34	98	--	--	--	--	150
New Madrid	--	11	--	--	5	6	--	--	--	--	--	0	--	31
Osage	8	--	--	--	29	13	1	152	262	--	--	--	--	506
Pemiscot	--	4	--	--	4	4	--	--	--	--	--	0	--	12
Perry	27	0	60	27	15	8	14	588	449	--	--	1	0	1,500
Scott	0	1	16	--	--	3	2	61	37	--	--	0	--	145
St. Charles	8	1	--	--	8	32	--	75	59	--	--	1	--	253
St. Louis	3	--	--	--	4	--	0	31	25	--	--	--	--	76
Ste. Genevieve	2	--	1	--	17	17	3	354	223	--	--	--	--	702
Stoddard	5	36	9	--	4	7	5	272	134	--	--	1	--	689
Warren	8	1	--	--	45	44	0	80	167	--	--	1	--	430
Total	140	121	203	35	460	378	32	3,423	3,187	5	--	44	0	9,727
State total	1,680	380	244	111	2,173	1,955	161	40,922	21,708	30	23	560	2	82,011

0 = Less than 500 cubic feet.

Table may not sum due to rounding.

(Table 12 continued)

Forest Inventory Unit and disposition	Total all residues	Residue type							
		Wood residue						Bark	
		Total wood residue		Coarse ¹		Fine ²		Softwood	Hardwood
		Softwood	Hardwood	Softwood	Hardwood	Softwood	Hardwood		
Prairie Unit									
Fiber products	--	--	66.0	--	64.6	--	1.4	--	--
Charcoal	0.4	0.4	57.8	--	7.7	0.4	50.0	--	3.2
Industrial fuel	--	--	16.9	--	0.2	--	16.7	--	--
Domestic fuel	0.1	0	7.8	0	7.8	--	--	0	2.0
Miscellaneous ³	2.9	2.3	43.3	1.8	33.6	0.5	9.7	0.6	56.8
Not used	18.7	15.4	8.1	10	4.0	5.7	4.2	3	1.6
Total	22.1	18.2	199.9	11.6	118.0	6.6	81.9	3.9	63.6
Riverborder Unit									
Fiber products	2.1	2.1	47.8	0.4	42.6	1.7	5.2	0.0	1.1
Charcoal	3.1	2.6	80.4	1.3	54.6	1.3	25.8	0.5	21.9
Industrial fuel	0.5	0.5	11.3	--	--	0.5	11.3	0.0	0.3
Domestic fuel	0.1	0.1	17.3	0.1	7.5	--	9.8	0	3.1
Miscellaneous ³	22.6	14.3	40.9	7.6	30.2	6.7	10.7	8.3	30.8
Not used	1.8	1.6	15.1	1.0	3.2	0.6	11.9	0.2	1.4
Total	30.1	21.1	212.8	10.2	138.1	10.8	74.7	9.1	58.5

0 = Less than 50 green tons.

¹ Suitable for chipping such as slabs, edgings, veneer cores, etc.² Not suitable for chipping such as sawdust, veneer clippings etc.³ Livestock bedding, mulch, small dimension, specialty items, etc.

Table may not sum due to rounding.

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